

SAEZ

CRANES



S 36 2,5T

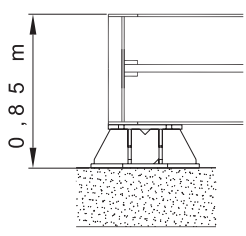
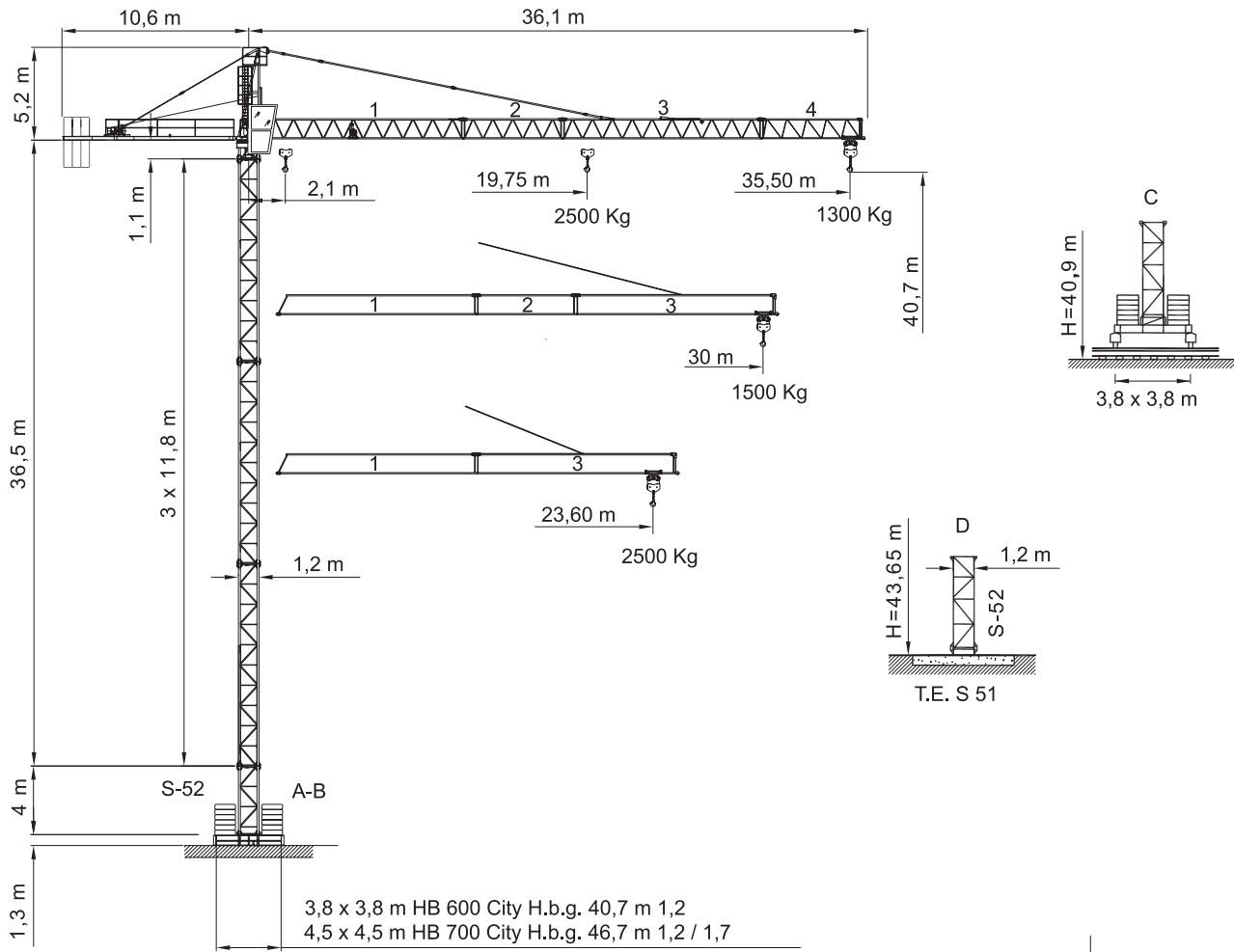
S 36

2,5T

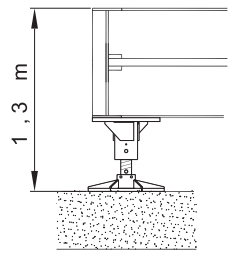
DIN/FEM 
UNE 58-101-92 FEM 1001-87
According to EC 98/37 instruction

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

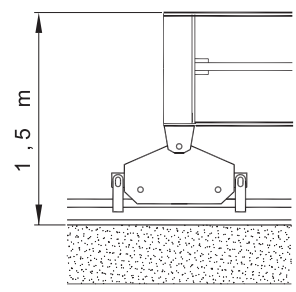
Sáez cranes



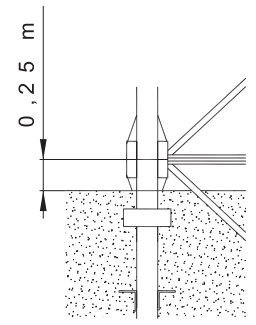
A



B



C







D



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

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

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

| | | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 35,5 m  | 10 | 12 | 15 | 18 | 19,7 | 21 | 23,6 | 25 | 27 | 29 | 30 | 32 | 34 | 35 | 35,5 | m Kg  |
| | 2500 | 2500 | 2500 | 2500 | 2500 | 2335 | 2055 | 1930 | 1770 | 1635 | 1575 | 1465 | 1365 | 1320 | 1300 | |

| | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|---|
| 30 m  | 10 | 12 | 15 | 18 | 18,9 | 21 | 23,6 | 25 | 27 | 29 | 30 | m Kg  |
| | 2500 | 2500 | 2500 | 2500 | 2500 | 2230 | 1960 | 1840 | 1690 | 1560 | 1500 | |





| | | | | | | | |
|---|------|------|------|------|------|------|---|
| 23,6 m  | 10 | 12 | 15 | 18 | 21 | 23,6 | m Kg  |
| | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | |


Mecanismos
Mechanisms
 Antriebe
Mécanismes
 Meccanismi



15 Hp (11,5 Kw) 3V

H.B.G. 84 S/R Ø10 mm

| | | | | | |
|---|---|-------|-----------|------|------|
|  |  240 m | m/min | 8 | 29 | 58 |
| | | 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 / Distributions
-  Orientación / Slewing / Schwenken / Orientation / Rotazione
-  Traslacion / Travelling / Schienenfahren / Translation / Traslazione

| | | | |
|---|------------------|---------|------------------------------------|
|  | 400 V | * 380 V | 15 Hp (11,5Kw) 3V 24KW / 90 kVA |
| | 50 Hz | 60 Hz | |
| | CEI 38 IEC 38 | | |

| | | | | |
|---|---|--------------------|------------------------|------------------------|
|  |  | 25 m | 50 m | 100 m |
| | | 15 Hp (11,5 KW) 3V | 4 x 16 mm ² | 4 x 16 mm ² |

Windzone A-B / DIN 15019

Mástil / Reacciones

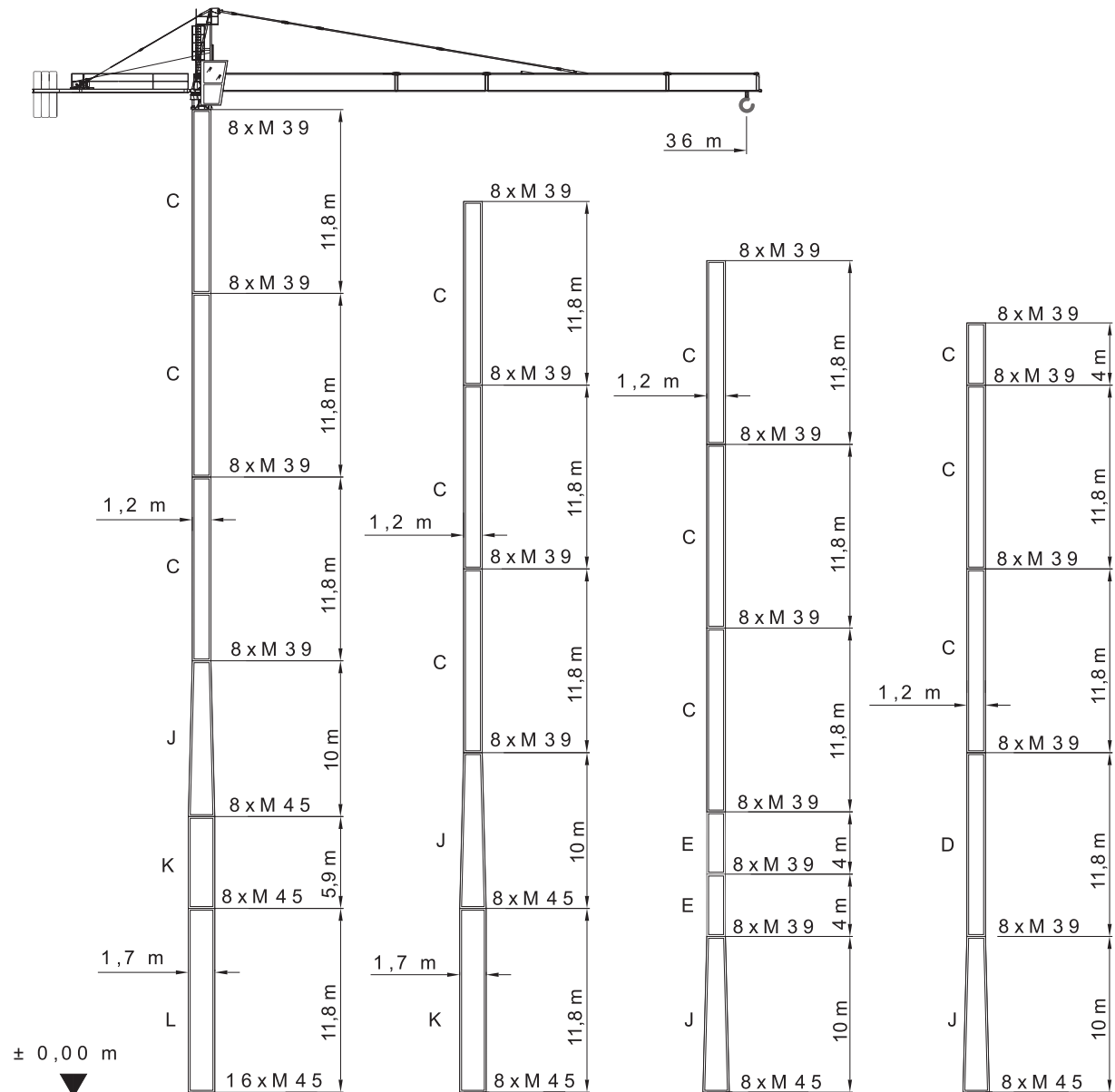
Masts / Reactions

Maste / Eckdrücke

Mat / Réactions

Torre / Reazioni

C: TORRE S/TL 36-41-46-40-45 1.20 M39/M39 8/8
 D: TORRE S/TL 50-52 1.20 M39/M39 8/8
 E: TORRE TL 55 1.20 M39/M39 8/8
 J: CAMPANA S17 10m 1.20/1.70 M39/M45 8/8
 K: TORRE S17 1.70 M45 8/8
 L: TORRE S17 1.70 M45 16/8



| | | | |
|---------------|---------------|---------------|-----------------|
| 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

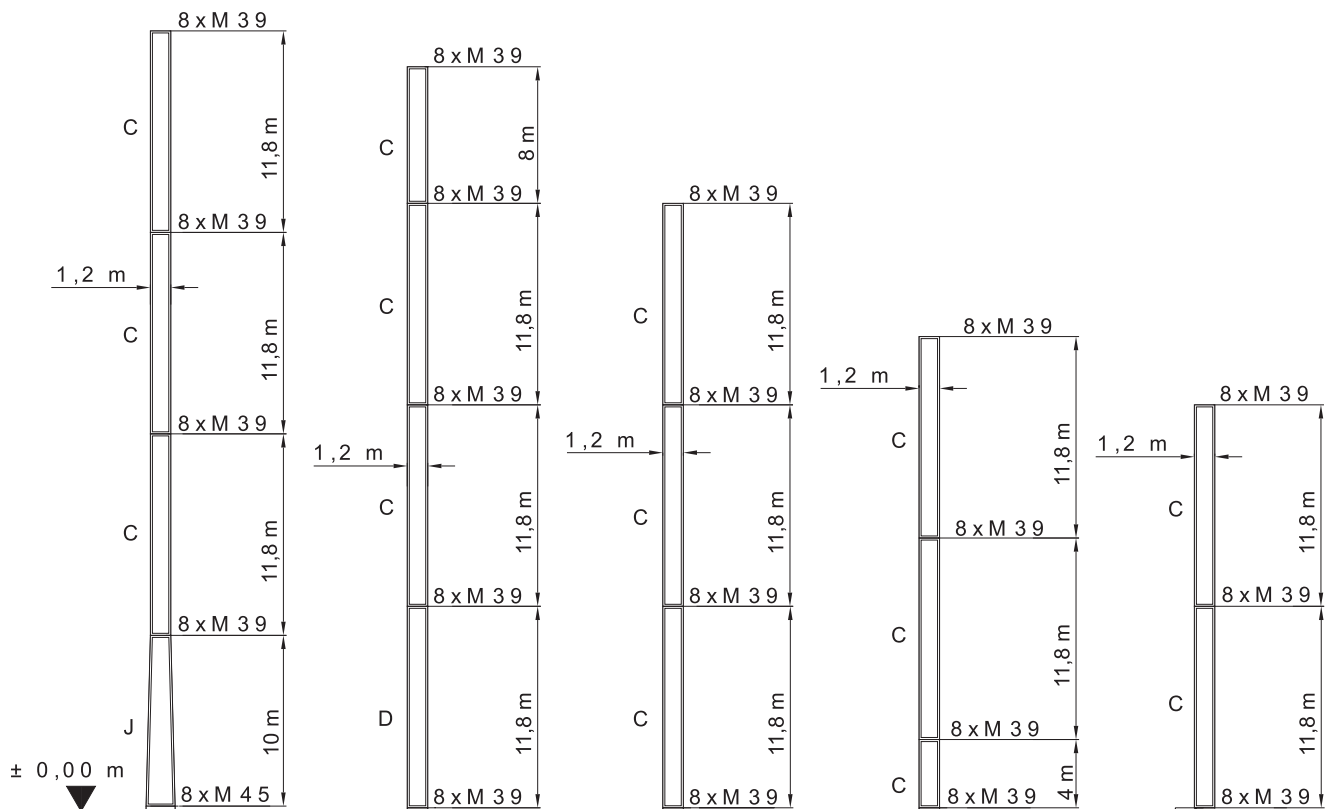
Mat / Réactions

Torre / Reazioni

C: TORRE S/TL 36-41- 46 - 40 - 45 1.20 M39/M39 8/8

D: TORRE S/TL 52 - 50 1.20 M39/M39 8/8

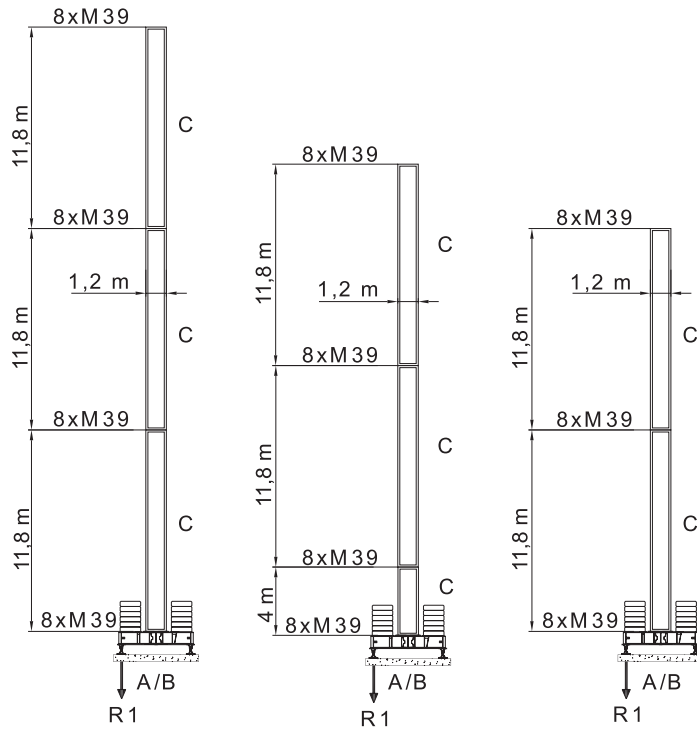
J: CAMPANA S17 10m 1.20/1.70 M39/M45 8/8



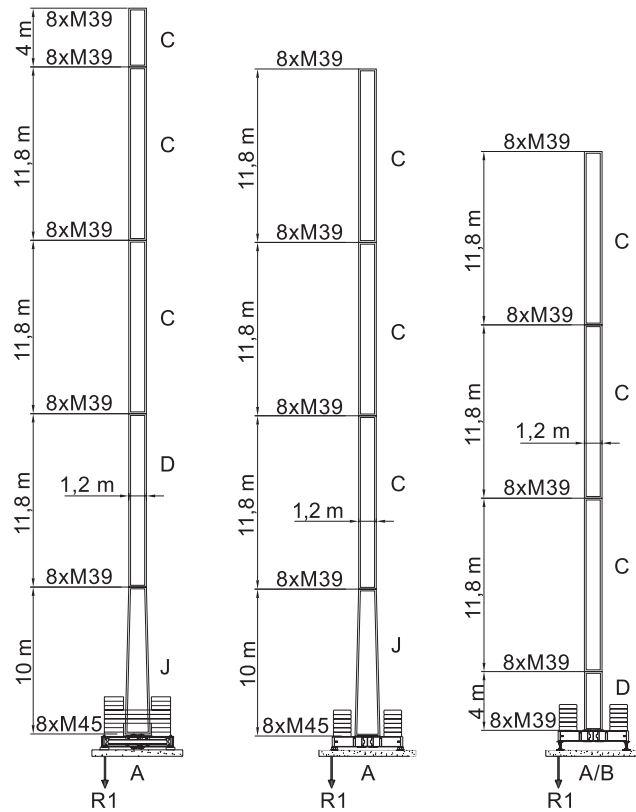
| | | | | |
|-----------------|-----------------|----------------|----------------|----------------|
| S 60/8 | S 51 | S 51 | S 51 | S 51 |
| H : 45,7 m | H : 43,65 m | H : 35,65 m | H : 27,85 m | H : 23,85 m |
| M (t.m) : 146,4 | M (t.m) : 137,7 | M (t.m) : 74,2 | M (t.m) : 49,7 | M (t.m) : 42,1 |
| 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

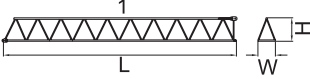
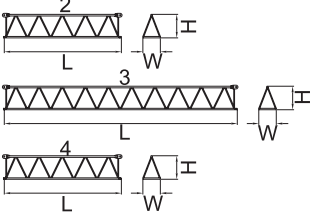
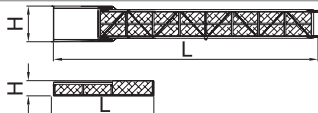
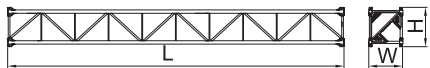
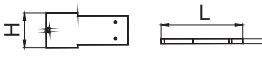


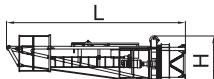
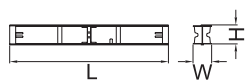
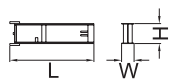
C: TORRE S/TL 36-41 - 46 - 40 - 45 1.20 M39/M39 8/8
 D: TORRE S/TL 52 - 50 1.20 M39/M39 8/8
 J: CAMPANA S17 10m 1.20/1.70 M39/M45 8/8



| | | |
|-------------------------|-------------------------|-------------------------|
| H(m): 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 |



| | | |
|----------------------------|----------------------------------|------------------------|
| 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 |

| | | L(m) | W(m) | H(m) | Peso(Kg) | |
|---|--|------|-------|------|----------|------|
| Pluma tramo primero / Jib heel section Ausleger-Anlenkstück / Pied de flèche Settore articolato di braccio |  | 1 | 11,85 | 1,04 | 1,30 | 982 |
| Elemento intermedio de pluma / Intermediate jib section / Ausleger-Zwischenstück Élément interm. de flèche / Spezzione di braccio |  | 2 | 5,94 | 0,95 | 1,22 | 450 |
| | | 3 | 11,80 | 0,95 | 1,22 | 915 |
| | | 4 | 5,94 | 0,95 | 1,22 | 328 |
| Contrapluma / Counter-jib / Gegenausleger / Contre-flèche / Controbraccio. |  | | 9,28 | 0,22 | 1,2 | 1023 |
| | | | 4,05 | 0,23 | 0,525 | 88 |
| Elemento de torre / Tower section / Turmstück / Élément de mât / Elemento di torre. |  | C | 11,8 | 1,2 | 1,38 | 2520 |
| | | C | 8,0 | 1,2 | 1,38 | 1870 |
| | | C | 5,9 | 1,2 | 1,38 | 1348 |
| | | C | 4,0 | 1,2 | 1,38 | 1050 |
| | | D | 11,8 | 1,2 | 1,38 | 3017 |
| | | D | 8,0 | 1,2 | 1,38 | 2075 |
| | | D | 5,9 | 1,2 | 1,38 | 1560 |
| | | D | 4,0 | 1,2 | 1,38 | 1100 |
| | | 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 |
| Bloque de contrapeso / Counterweight blocks Gegengewichtsblöcke / Bloc de contrepoids Blocco di contrappeso |  | A | 2,94 | 0,30 | 1,25 | 2300 |
| | | 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 |
| Gancho y Carro / Hook and Trolley Lasthaken - Laufkatze / Crochet - Chariot Gancio e Carrello |  | | 1,05 | 0,12 | 1,22 | 104 |
| | | | 0,96 | 1,19 | 0,62 | 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 |
| 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 |

| | | L(m) | W(m) | H(m) | Peso(Kg) | |
|--|--|---------|------|------|----------|------|
| Elemento de empotre / Foundation anchor / Fundamentanker / Élément de scellement / El annegare. | | S51 | 1,2 | 1,38 | 1,42 | 496 |
| | | 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 |

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