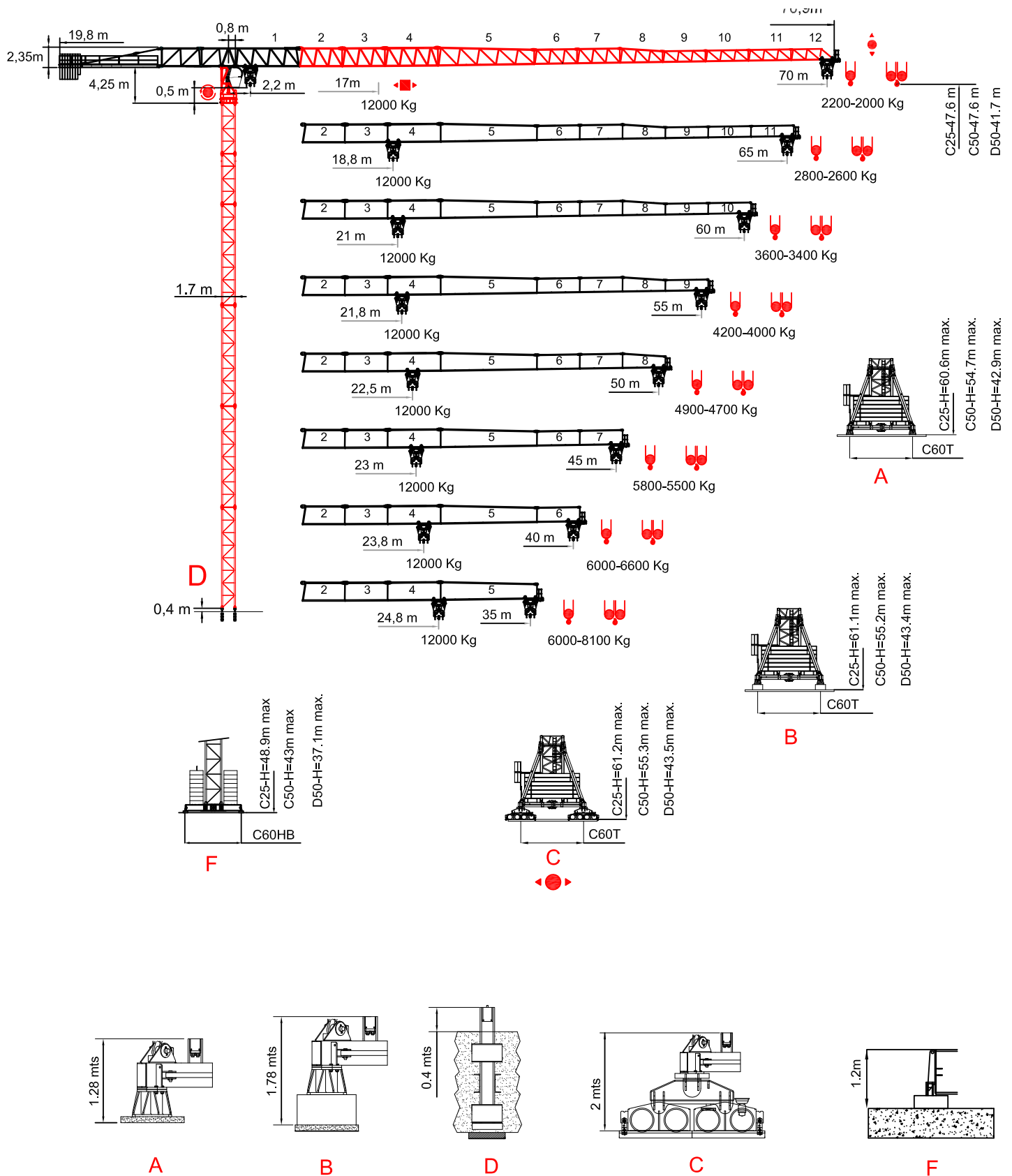




## Curvas de cargas- Load diagrams- Lastkurven- Courbes de charges- Curve di carico График грузоподъёмности

|      |       |       |       |       |      |      |      |      |      |      |      |      |      |    |                                                                                       |
|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|----|---------------------------------------------------------------------------------------|
| 70 m | 15    | 20    | 25    | 30    | 31.4 | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |    |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 5300 | 4520 | 3910 | 3430 | 3040 | 2710 | 2440 | 2200 | Kg |                                                                                       |
|      | 15    | 20    | 25    | 30    | 30.8 | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |                                                                                       |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 5150 | 4350 | 3740 | 3250 | 2850 | 2520 | 2240 | 2000 | Kg |                                                                                       |
| 65 m | 15    | 17    | 20    | 25    | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |    |
|      | 12000 | 12000 | 10010 | 7720  | 6210 | 5150 | 4350 | 3740 | 3250 | 2850 | 2520 | 2240 | 2000 | Kg |                                                                                       |
|      | 15    | 20    | 25    | 30    | 34.9 | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |                                                                                       |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 5980 | 5110 | 4440 | 3910 | 3470 | 3110 | 2800 | 2600 | Kg |                                                                                       |
| 60 m | 15    | 20    | 25    | 30    | 34.1 | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |    |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 5820 | 4940 | 4260 | 3720 | 3280 | 2910 | 2600 | 2600 | Kg |                                                                                       |
|      | 15    | 18.8  | 20    | 25    | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |                                                                                       |
|      | 12000 | 12000 | 11210 | 8670  | 7000 | 5820 | 4940 | 4260 | 3720 | 3280 | 2910 | 2600 | 2600 | Kg |                                                                                       |
| 55 m | 15    | 20    | 25    | 30    | 35   | 39.1 | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |    |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 6000 | 5860 | 5100 | 4500 | 4010 | 3600 | 3400 | 3400 | Kg |                                                                                       |
|      | 15    | 20    | 25    | 30    | 35   | 38.2 | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |                                                                                       |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 6000 | 5680 | 4920 | 4310 | 3810 | 3400 | 3400 | 3400 | Kg |                                                                                       |
| 50 m | 15    | 20    | 21    | 25    | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |    |
|      | 12000 | 12000 | 12000 | 9870  | 8000 | 6670 | 5680 | 4920 | 4310 | 3810 | 3400 | 3400 | 3400 | Kg |                                                                                       |
|      | 15    | 20    | 25    | 30    | 35   | 37   | 40.7 | 45   | 50   | 55   | 60   | 65   | 70   | m  |                                                                                       |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 6000 | 6000 | 5340 | 4710 | 4200 | 4200 | 4200 | 4200 | Kg |                                                                                       |
| 45 m | 15    | 20    | 25    | 30    | 35   | 39.6 | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |    |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 6000 | 5940 | 5150 | 4520 | 4000 | 4000 | 4000 | 4000 | Kg |                                                                                       |
|      | 15    | 20    | 21.8  | 25    | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |                                                                                       |
|      | 12000 | 12000 | 12000 | 10290 | 8350 | 6970 | 5940 | 5150 | 4520 | 4000 | 4000 | 4000 | 4000 | Kg |                                                                                       |
| 40 m | 15    | 20    | 25    | 30    | 35   | 40   | 42   | 45   | 50   | 55   | 60   | 65   | 70   | m  |    |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 6000 | 6000 | 5550 | 4900 | 4900 | 4900 | 4900 | 4900 | Kg |                                                                                       |
|      | 15    | 20    | 25    | 30    | 35   | 40   | 40.9 | 45   | 50   | 55   | 60   | 65   | 70   | m  |                                                                                       |
|      | 8000  | 8000  | 8000  | 6000  | 6000 | 6000 | 6000 | 5350 | 4700 | 4700 | 4700 | 4700 | 4700 | Kg |                                                                                       |
| 35 m | 15    | 20    | 22.5  | 25    | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |    |
|      | 12000 | 12000 | 12000 | 10670 | 8660 | 7230 | 6170 | 5350 | 4700 | 4700 | 4700 | 4700 | 4700 | Kg |                                                                                       |
|      | 15    | 20    | 25    | 30    | 35   | 40   | 43.7 | 45   | 50   | 55   | 60   | 65   | 70   | m  |                                                                                       |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 6000 | 6000 | 5800 | 5800 | 5800 | 5800 | 5800 | 5800 | Kg |                                                                                       |
| 30 m | 15    | 20    | 25    | 30    | 35   | 40   | 41.8 | 45   | 50   | 55   | 60   | 65   | 70   | m  |   |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 6000 | 6000 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | Kg |                                                                                       |
|      | 15    | 20    | 23    | 25    | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |                                                                                       |
|      | 12000 | 12000 | 12000 | 10930 | 8880 | 7420 | 6340 | 5500 | 5500 | 5500 | 5500 | 5500 | 5500 | Kg |                                                                                       |
| 25 m | 10    | 15    | 20    | 25    | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |  |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | Kg |                                                                                       |
|      | 15    | 20    | 25    | 30    | 35   | 37   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |                                                                                       |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | Kg |                                                                                       |
| 20 m | 15    | 20    | 23.8  | 25    | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |  |
|      | 12000 | 12000 | 12000 | 11360 | 9230 | 7720 | 6600 | 6600 | 6600 | 6600 | 6600 | 6600 | 6600 | Kg |                                                                                       |
|      | 10    | 15    | 20    | 25    | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |                                                                                       |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | Kg |                                                                                       |
| 15 m | 10    | 15    | 20    | 25    | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |  |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | Kg |                                                                                       |
|      | 10    | 15    | 20    | 25    | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |                                                                                       |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | Kg |                                                                                       |
| 10 m | 15    | 20    | 24.8  | 25    | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |  |
|      | 12000 | 12000 | 12000 | 11890 | 9670 | 8100 | 8100 | 8100 | 8100 | 8100 | 8100 | 8100 | 8100 | Kg |                                                                                       |
|      | 10    | 15    | 20    | 25    | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | m  |                                                                                       |
|      | 6000  | 6000  | 6000  | 6000  | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | Kg |                                                                                       |

## Bloque de contrapeso- Counterweight blocks- Gegengewichtsblöcke- Bloc de contrepoid- Blocco di contrappeso - Плиты противовеса

|                                                                                     | 70 m     |   | 65 m     |   | 60 m     |   | 55 m     |   |
|-------------------------------------------------------------------------------------|----------|---|----------|---|----------|---|----------|---|
|  | A        | B | A        | B | A        | B | A        | B |
|                                                                                     | 7        | 1 | 7        | 1 | 7        | 1 | 6        | 2 |
|                                                                                     | 20750 Kg |   | 20750 Kg |   | 20750 Kg |   | 19500 Kg |   |

|                                                                                     | 50 m     |   | 45 m     |   | 40 m     |   | 35 m     |   |
|-------------------------------------------------------------------------------------|----------|---|----------|---|----------|---|----------|---|
|  | A        | B | A        | B | A        | B | A        | B |
|                                                                                     | 5        | 3 | 5        | 2 | 4        | 3 | 4        | 2 |
|                                                                                     | 18250 Kg |   | 16750 Kg |   | 15500 Kg |   | 14000 Kg |   |

Mecanismos- Mechanisms- Antriebe- Mécanismes- Meccanismi - Приводы

56 Hp (42Kw) - INV  
400 V / 50-60 Hz  
H.B.G 150Mts S/R Ø16

|                                                                                   |                                                                                   |                                                                                   |      |       |       |       |                                                                                     |        |         |       |         |         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|-------|-------|-------|-------------------------------------------------------------------------------------|--------|---------|-------|---------|---------|
| Up (+2Kw) - INV<br>0 V / 50-60 Hz<br>3.G 150mts S/R Ø16                           |                                                                                   |  |      |       |       |       |  |        |         |       |         |         |
|                                                                                   |                                                                                   |                                                                                   |      |       |       |       |                                                                                     |        |         |       |         |         |
|  |  | m/min                                                                             | 0— 5 | 0— 35 | 0— 48 | 0— 73 | 0— 107                                                                              | 0— 2.5 | 0— 17.5 | 0— 24 | 0— 36.5 | 0— 53.5 |
|                                                                                   | 400 m                                                                             | Kg                                                                                | 6000 | 6000  | 4000  | 2500  | 1250                                                                                | 12000  | 12000   | 8000  | 5000    | 2500    |
|                                                                                   |                                                                                   | Kw                                                                                | 42   | 42    | 42    | 42    | 42                                                                                  | 42     | 42      | 42    | 42      | 42      |

|                                                                                   |       |  |     |     |
|-----------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-----|-----|
|  | m/min | 11 / 37 / 75                                                                      |     |     |
|                                                                                   | Kw    | 11                                                                                |     |     |
|  | r.p.m | 0,3                                                                               | 0,6 | 0,9 |
|                                                                                   | Nm    | 2 x 65                                                                            |     |     |
|  | m/min | 12 / 24                                                                           |     |     |
|                                                                                   | Kw    | 4 x 3                                                                             |     |     |

\* Opcional / Optional / Opzionale /

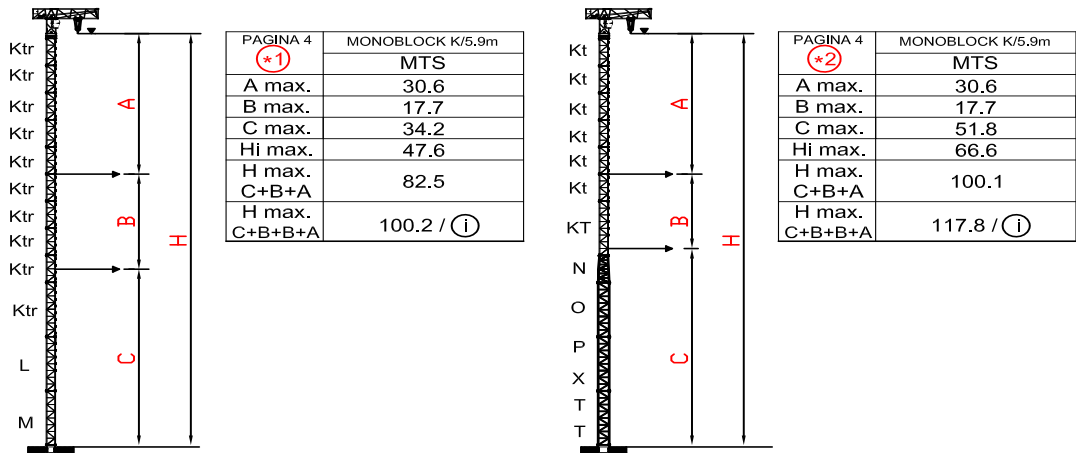
-  Elevación / Hoisting / Heben / Levage / Sollevamento
-  Distribución / Trolleying / Katzfahren / Distribution / Distributions
-  Orientación / Slewing / Schwenken / Orientation / Rotazione
-  Traslacion / Travelling / Schienenfahren / Translation / Traslazione
-  Cable / Rope / Seil / Câble / Fune

|                                                                                                                 |                                                                                                       |                |                 |                      |                                |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------|-----------------|----------------------|--------------------------------|
| <br>2000/14/CEE<br>2005/88/CEE | <br>2006/95<br>/CEE | 400 V<br>50 Hz | 100m<br>4x35mm2 | GENERADOR<br>220 kVA | POTENCIA<br>INSTALADA<br>80 KW |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------|-----------------|----------------------|--------------------------------|

|                                                                                                                 |                                                                                                       |                |                 |          |  |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------|-----------------|----------|--|
| <br>2000/14/CEE<br>2005/88/CEE | <br>2006/95<br>/CEE | 380 V<br>60 Hz | 100m<br>4x35mm2 | OPCIONAL |  |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------|-----------------|----------|--|

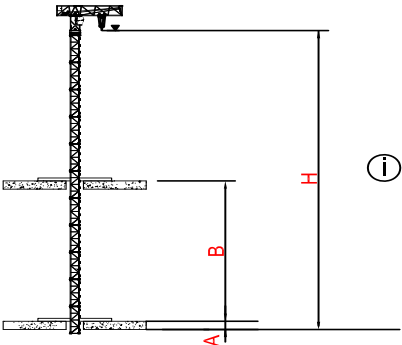
Proceso de trepado- External climbing- Kletterkrane- Telescopable- Sopralzo idraulico -  
Процесс наращивания крана

C25 TREPADO EXTERNO / EXTERNAL CLIMBING / GEANKERTER KRAN /  
GRUE ANDRÉE / GRU ANCORATA / ВОСХОЖДЕНИЕ Экстерно



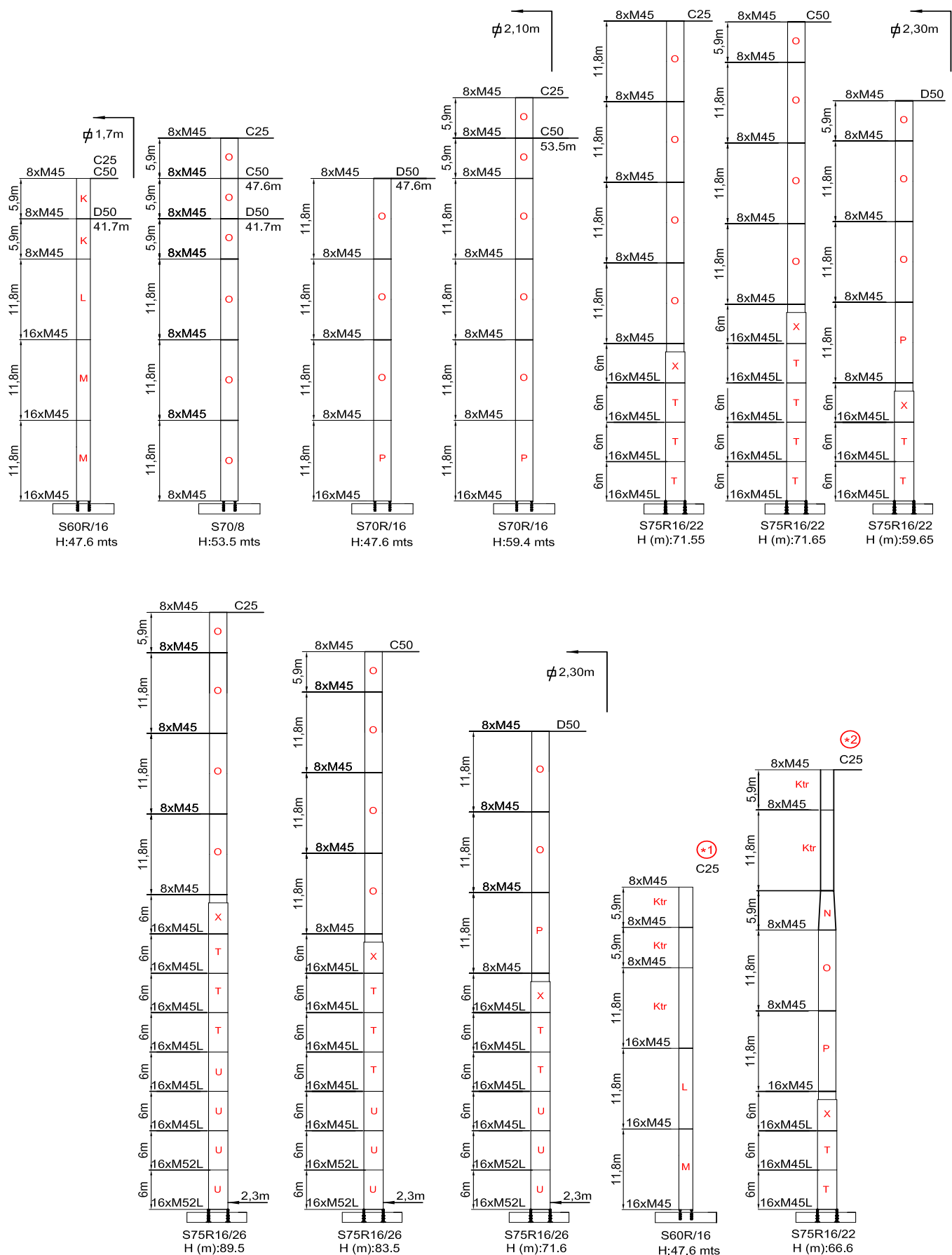
(i) Consultarnos-Consultateci-Consult us-Nous consulter-Auf anfrage

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

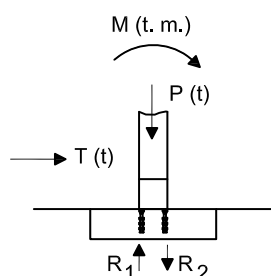


(i) Consultarnos-Consultateci-Consult us-Nous consulter-Auf anfrage

## FEM 1005-C25-C50-D50 / EN 14439- Mástil / Reacciones- Masts / Reactions- Mast / Eckdrücke- Mat / Réactions- Torre / Réazioni / Реакции - Комплектация башни

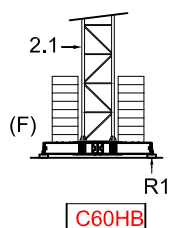


K = S17 8/8  
L = S17 16/8  
M = S17 16/16  
N = S21-S17 8/8  
O = S21 8/8  
P = S21 16/8  
T = S2322 16/16 M45L  
U = S2326 16/16 M52L  
X = C2322/21



|      |                    | M     | O     | P     | T      | U      |
|------|--------------------|-------|-------|-------|--------|--------|
| C 25 | H (m)              | 47.60 | 53.50 | 59.40 | 71.55  | 89.50  |
|      | M (T·m)            | 503.5 | 563.7 | 648.2 | 933    | 1545.5 |
|      | T (t)              | 9.44  | 10.46 | 14.49 | 17.71  | 24.6   |
|      | P (t)              | 67.86 | 73.82 | 79.47 | 93.32  | 115.92 |
|      | R <sub>1</sub> (t) | 221.9 | 187.6 | 215.1 | 298.5  | 504    |
|      | R <sub>2</sub> (t) | 252.7 | 221.1 | 254.9 | 345.1  | 562    |
|      |                    | M     | O     | P     | T      | U      |
| C 50 | H (m)              | 47.60 | 47.60 | 53.50 | 71.65  | 83.50  |
|      | M (T·m)            | 503.5 | 488.4 | 582.2 | 1070.9 | 1469.3 |
|      | T (t)              | 9.44  | 9.48  | 14.64 | 20.27  | 24.34  |
|      | P (t)              | 67.86 | 64.83 | 76.77 | 95.42  | 109.62 |
|      | R <sub>1</sub> (t) | 221.9 | 162.3 | 191.9 | 345.5  | 479.4  |
|      | R <sub>2</sub> (t) | 252.7 | 191.8 | 230.3 | 393.2  | 534.2  |
|      |                    | M     | O     | P     | T      | U      |
| D 50 | H (m)              | 41.70 | 41.70 | 47.60 | 59.65  | 71.60  |
|      | M (T·m)            | 482.2 | 486.9 | 640.8 | 981.1  | 1414.5 |
|      | T (t)              | 15    | 15.5  | 17.45 | 21.57  | 27.18  |
|      | P (t)              | 69.51 | 72.17 | 74.07 | 85.02  | 101.32 |
|      | R <sub>1</sub> (t) | 209.9 | 158.5 | 213.8 | 317.1  | 462.5  |
|      | R <sub>2</sub> (t) | 244.6 | 194.6 | 250.8 | 359.6  | 513.2  |

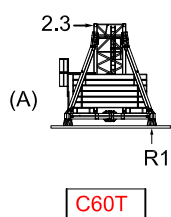
**FEM 1005-C25-C50-D50 / EN 14439- Bloque lastre de base- Base ballast block- Grundballastblöcke - Bloc de lest de base- Blocco di zavorra alla base - Балласты опорной рамы**



|     |        |        |        |        |        |        |         |
|-----|--------|--------|--------|--------|--------|--------|---------|
| C25 | H (m)  | 19.4 m | 25.3 m | 31.2 m | 37.1 m | 43 m   | 48.9 m  |
|     | R1 (t) | 63.6 t | 68.4 t | 74.1 t | 81.8 t | 89.3 t | 99.8 t  |
|     | Z (t)  | 53.2 t | 53.2 t | 68.4 t | 83.6 t | 98.8 t | 121.6 t |

|     |        |        |        |        |        |         |  |
|-----|--------|--------|--------|--------|--------|---------|--|
| C50 | H (m)  | 19.4 m | 25.3 m | 31.2 m | 37.1 m | 43 m    |  |
|     | R1 (t) | 63.6 t | 68.4 t | 73.9 t | 82 t   | 91.3 t  |  |
|     | Z (t)  | 53.2 t | 53.2 t | 68.4 t | 91.2 t | 106.4 t |  |

|     |        |        |        |        |         |  |  |
|-----|--------|--------|--------|--------|---------|--|--|
| D50 | H (m)  | 19.4 m | 25.3 m | 31.2 m | 37.1 m  |  |  |
|     | R1 (t) | 63.6 t | 69.8 t | 78.2 t | 89.7 t  |  |  |
|     | Z (t)  | 53.2 t | 68.4 t | 91.2 t | 121.6 t |  |  |

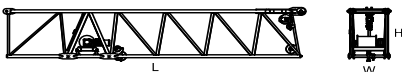
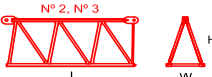
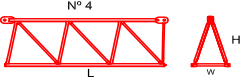
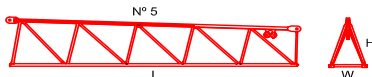
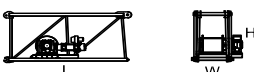
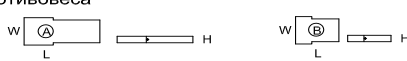
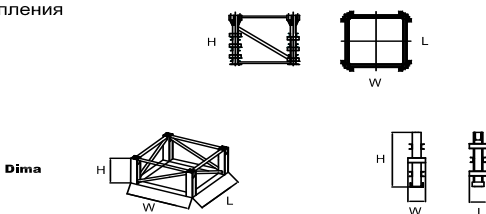
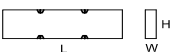


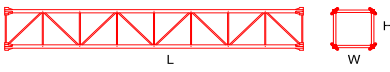
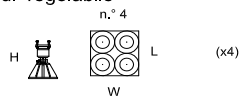
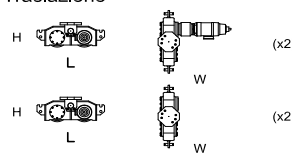
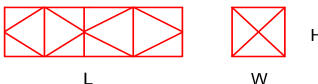
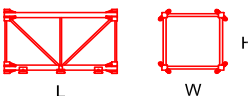
|     |        |        |        |        |         |         |         |
|-----|--------|--------|--------|--------|---------|---------|---------|
| C25 | H (m)  | 31.1 m | 37 m   | 42.9 m | 48.8 m  | 54.7 m  | 60.6 m  |
|     | R1 (t) | 76 t   | 81.7 t | 90.7 t | 100.6 t | 127.9 t | 157.7 t |
|     | Z (t)  | 60 t   | 75 t   | 95 t   | 115 t   | 140 t   | 170 t   |

|     |        |        |        |        |        |         |        |
|-----|--------|--------|--------|--------|--------|---------|--------|
| C50 | H (m)  | 25.2 m | 31.1 m | 37 m   | 42.9 m | 48.8 m  | 54.7 m |
|     | R1 (t) | 71 t   | 76.1 t | 84.2 t | 93.2 t | 114.4 t | 142 t  |
|     | Z (t)  | 50 t   | 65 t   | 85 t   | 105 t  | 130 t   | 150 t  |

|     |        |        |        |        |        |         |  |
|-----|--------|--------|--------|--------|--------|---------|--|
| D50 | H (m)  | 19.3 m | 25.2 m | 31.1 m | 37 m   | 42.9 m  |  |
|     | R1 (t) | 66.7 t | 72.5 t | 80.7 t | 93.2 t | 120.8 t |  |
|     | Z (t)  | 45 t   | 65 t   | 85 t   | 115 t  | 140 t   |  |

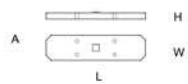
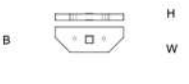
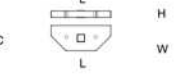
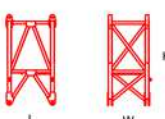
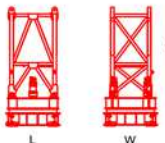
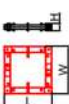
## Dimensiones y transporte - Dimensions and transport - Abmessungen und Transport - Dimensions et Des transporte - Dimensioni e trasporti - Размеры и транспорта

|                                                                                                                                                                                                                                                        |  | L(m)           | W(m) | H(m) | Peso(Kg) |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|------|------|----------|------|
| <b>Pluma tramo primero</b> / Jib heel section / Ausleger-Anlenkstück / Pied de fleche /<br>Settore articolato di braccio / Корневая секция стрелы                                                                                                      |  |                |      |      |          |      |
|                                                                                                                                                                       |  | 11.8           | 1.63 | 2.36 | 5700     |      |
| <b>Elemento intermedio de pluma</b> / Intermediate jib section / Ausleger-Zwischenstück<br>Elément interm. de fleche / Spezzone di braccio / Промежуточная секция стрелы                                                                               |  |                |      |      |          |      |
|    |  | 2              | 5.35 | 1.50 | 2.30     | 1645 |
|                                                                                                                                                                                                                                                        |  | 3              | 5.35 | 1.50 | 2.30     | 1425 |
|                                                                                                                                                                                                                                                        |  | 4              | 6.55 | 1.50 | 2.30     | 1510 |
|                                                                                                                                                                                                                                                        |  | 5              | 5.3  | 1.50 | 2.30     | 2000 |
|                                                                                                                                                                                                                                                        |  | 6              | 5.3  | 1.50 | 1.84     | 770  |
|                                                                                                                                                                                                                                                        |  | 7              | 5.26 | 1.50 | 1.84     | 675  |
|                                                                                                                                                                                                                                                        |  | 8              | 5.25 | 1.50 | 1.84     | 620  |
|                                                                                                                                                                                                                                                        |  | 9              | 5.21 | 1.50 | 1.42     | 425  |
|                                                                                                                                                                                                                                                        |  | 10             | 5.18 | 1.50 | 1.42     | 395  |
|                                                                                                                                                                                                                                                        |  | 11             | 5.15 | 1.50 | 1.42     | 305  |
|                                                                                                                                                                                                                                                        |  | 12             | 5.11 | 1.50 | 1.42     | 255  |
| <b>Gancho, Carro y Puntera</b> / Hook, Trolley and jib head / Lasthaken - Laufkatze-Cabeça de Lança<br>Crochet - Chariot-Pointe de fleche / Gancio - Carrello e Punta freccia / Крюк и грузовая тележка                                                |  |                |      |      |          |      |
|                                                                                                                                                                      |  | 2.44           | 1.65 | 1.58 | 390      |      |
|                                                                                                                                                                                                                                                        |  | 1.24           | 0.64 | 1.75 | 750      |      |
|                                                                                                                                                                                                                                                        |  | 0.93           | 1.7  | 1.42 | 200      |      |
| <b>Contrapluma 1</b> / Counter-jib / Gegenausleger / Contre-fleche / Controbraccio<br>Консоль противовеса                                                                                                                                              |  |                |      |      |          |      |
|                                                                                                                                                                     |  | 5.00           | 1.90 | 2.32 | 2600     |      |
| <b>Contrapluma 2</b> / Counter-jib / Gegenausleger / Contre-fleche / Controbraccio<br>Консоль противовеса 2                                                                                                                                            |  |                |      |      |          |      |
|                                                                                                                                                                     |  | 11.94          | 1.80 | 0.60 | 2575     |      |
| <b>Bloque de contrapeso</b> / Counterweight blocks / Gegengewichtsblöcke / Bloc de contrepoids /<br>Blocco di contrappeso / Плита противовеса                                                                                                          |  |                |      |      |          |      |
|                                                                                                                                                                     |  | A              | 3.5  | 1.25 | 0.29     | 2750 |
|                                                                                                                                                                                                                                                        |  | B              | 1.83 | 1.25 | 0.29     | 1500 |
| <b>Elemento de empotre</b> / Foundation anchor / Fundamentanker / Pieds de scellement<br>El anegare / Анкерные крепления                                                                                                                               |  |                |      |      |          |      |
|                                                                                                                                                                     |  | S60/8          | 1,85 | 1,85 | 1,6      | 956  |
|                                                                                                                                                                                                                                                        |  | S60/R16        | 1,85 | 1,85 | 1,6      | 1108 |
|                                                                                                                                                                                                                                                        |  | S70/8          | 2,27 | 2,27 | 1,6      | 1122 |
|                                                                                                                                                                                                                                                        |  | S70R/16        | 2,27 | 2,27 | 1,6      | 1274 |
|                                                                                                                                                                                                                                                        |  | S75R16/20 0.35 | 0.35 | 0.35 | 1.6      | 1200 |
|                                                                                                                                                                                                                                                        |  | S75R16/22 0.5  | 0.5  | 0.5  | 2        | 2840 |
|                                                                                                                                                                                                                                                        |  | S75R16/26 0.5  | 0.5  | 0.5  | 2.4      | 3160 |
|                                                                                                                                                                                                                                                        |  | S75R24/26 0.5  | 0.5  | 0.5  | 2.4      | 3400 |
|                                                                                                                                                                                                                                                        |  | Dima           | 2.31 | 2.34 | 0.8      | 1650 |
| <b>Bloque apoyo de base</b> / Base support block / Grundballastblöcke / Bloc de appui de base<br>Blocco di appoggio alla base                                                                                                                          |  |                |      |      |          |      |
|                                                                                                                                                                     |  | 3,75           | 0,5  | 1,2  | 5400     |      |
| <b>Cabina y soporte</b> / Cabin and platform / Kabine und wartungs / Cabine et support /<br>Cabina e supporto / Кабина с основой                                                                                                                       |  |                |      |      |          |      |
|                                                                                                                                                                     |  | 3,00           | 1,15 | 2,35 | 558      |      |

|                                                                                                                                                                                                 |   | L(m)                                                                                 | W(m) | H(m) | Peso(Kg) |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------|------|------|----------|------|
| <b>Elemento de torre</b> / Tower section / Turmstück / Élément de mât /<br>Elemento di torre / Башенные секции                                                                                  |   |     |      |      |          |      |
|                                                                                                                                                                                                 |   | 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 |
|                                                                                                                                                                                                 |   | 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 |
|                                                                                                                                                                                                 |   | N                                                                                    | 5,9  |      |          | 3500 |
|                                                                                                                                                                                                 |   | 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 |          |      |
| <b>Viga principal base C60HB</b> / Main base beam / Hauptträger für fundamentkreuz<br>Poutre de châssis de base / Trave principale della base/ Несущая балка опорной рамы C60HB                 |   |     |      |      |          |      |
|                                                                                                                                                                                                 |   |                                                                                      | 8,65 | 0,78 | 0,92     | 4300 |
| <b>Semiviga secundaria base C60HB</b> / Half base beam / Halbträger für fundamentkreuz<br>Semipoutre de châssis de base / Semitrave secundaria della base<br>Вспомогательная балка опорной рамы |   |   |      |      |          |      |
|                                                                                                                                                                                                 |   |                                                                                      | 4,27 | 0,68 | 0,97     | 2025 |
| <b>Niveladores</b> / Levellers / Spindel pyramide / Niveleurs / Piedi regolabile                                                                                                                |   |  |      |      |          |      |
|                                                                                                                                                                                                 |   |                                                                                      | 1,20 | 1,20 | 0,90     | 250  |
|                                                                                                                                                                                                 |   |                                                                                      |      |      |          |      |
| <b>Traslacion</b> / Travelling bogies / Kranfahren / Traslation / Traslazione                                                                                                                   |   |  |      |      |          |      |
|                                                                                                                                                                                                 |   |                                                                                      | 1,15 | 1,25 | 0,45     | 505  |
|                                                                                                                                                                                                 |   |                                                                                      | 1,15 | 0,25 | 0,45     | 450  |
| <b>Jaula de telescopaje tipo K5.9</b> / Climbing cage type K / Hydraulikbühne<br>Cage de telescopage type K / Gabbia di montaggio K / Монтажная обойма                                          |   |   |      |      |          |      |
|                                                                                                                                                                                                 |   | <b>K-5.9</b>                                                                         | 11.2 | 2,1  | 2,1      | 8000 |
|                                                                                                                                                                                                 |   | <b>K-5.9</b>                                                                         |      |      |          | 6490 |
| <b>Hidralluco y accesorios</b> / Hydraulic and accessories/ Hydraulik-und Zubehör<br>hydraulique et accessoires / idrauliche ed accessori / Гидравлические и аксессуары                         |   |                                                                                      |      |      |          |      |
|                                                                                                                                                                                                 |   |                                                                                      |      |      | 1510     |      |
| <b>Tramo trepador Ktr</b> / Tower element / Turmstück<br>Élément de mât / Elemento di torre monolitico                                                                                          |   |   |      |      |          |      |
|                                                                                                                                                                                                 |   |                                                                                      | 5.9  | 1,85 | 1,85     | 2935 |
|                                                                                                                                                                                                 |   |                                                                                      | 11.8 | 1,85 | 1,85     | 5463 |



# TLS 70 12T

|                                                                                                                                                                | L(m)     | W(m) | H(m) | Peso(Kg) |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------|----------|------|
| <b>Base C60T</b> / Crossbase C60T / Fundamentkreuz C60T / Châsis C60T / Carro base C60T                                                                        |          |      |      |          |      |
|                                                                               | 9        | 0.72 | 0.83 | 2604     |      |
|                                                                              | 4.38     | 0.67 | 0.83 | 930      |      |
|                                                                              | 5.38     | 0.28 | 0.28 | 560      |      |
|                                                                               | 6        | 2.27 | 2.29 | 5900     |      |
|                                                                              | 0.65     | 0.65 | 0.45 | 315      |      |
| <b>Bloque lastre de base C60T</b> / Base ballast block / Grundballastblöcke / Bloc de lest de base / Blocco di zavorra alla base / Плиты балласта опорной рамы |          |      |      |          |      |
|                                                                               | A        | 5.8  | 1.5  | 0.43     | 8000 |
|                                                                               | B        | 4    | 1.5  | 0.43     | 4900 |
|                                                                              | C        | 3.5  | 1.5  | 0.43     | 4200 |
| <b>Unidad de rotacion</b> / Complete slewing unit / Drehbühne / Orientation / Rotazione / Оголовок башни                                                       |          |      |      |          |      |
|                                                                              | 2.22     | 1.64 | 3.28 | 1950     |      |
|                                                                             | K - 2.00 | 2.00 | 1.83 | 5000     |      |
|                                                                                                                                                                | O - 2.32 | 2.32 | 1.83 | 6100     |      |
|                                                                             | K - 2.00 | 2.00 | 4.43 | 6950     |      |
|                                                                                                                                                                | O - 2.32 | 2.32 | 4.43 | 8050     |      |
| <b>Marco trepado externo</b> / Tie-frame / Cadre d'encrage externe / Sopralzo con ancoraggio esterno / ВНЕШНЯЯ РАМКА ПРИСТЕЖКИ                                 |          |      |      |          |      |
|                                                                             | 2.31     | 2.31 | 0.26 | 950      |      |



40' HC x 8 - HBG 36 mt



x 8 - HBG 36 mt



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