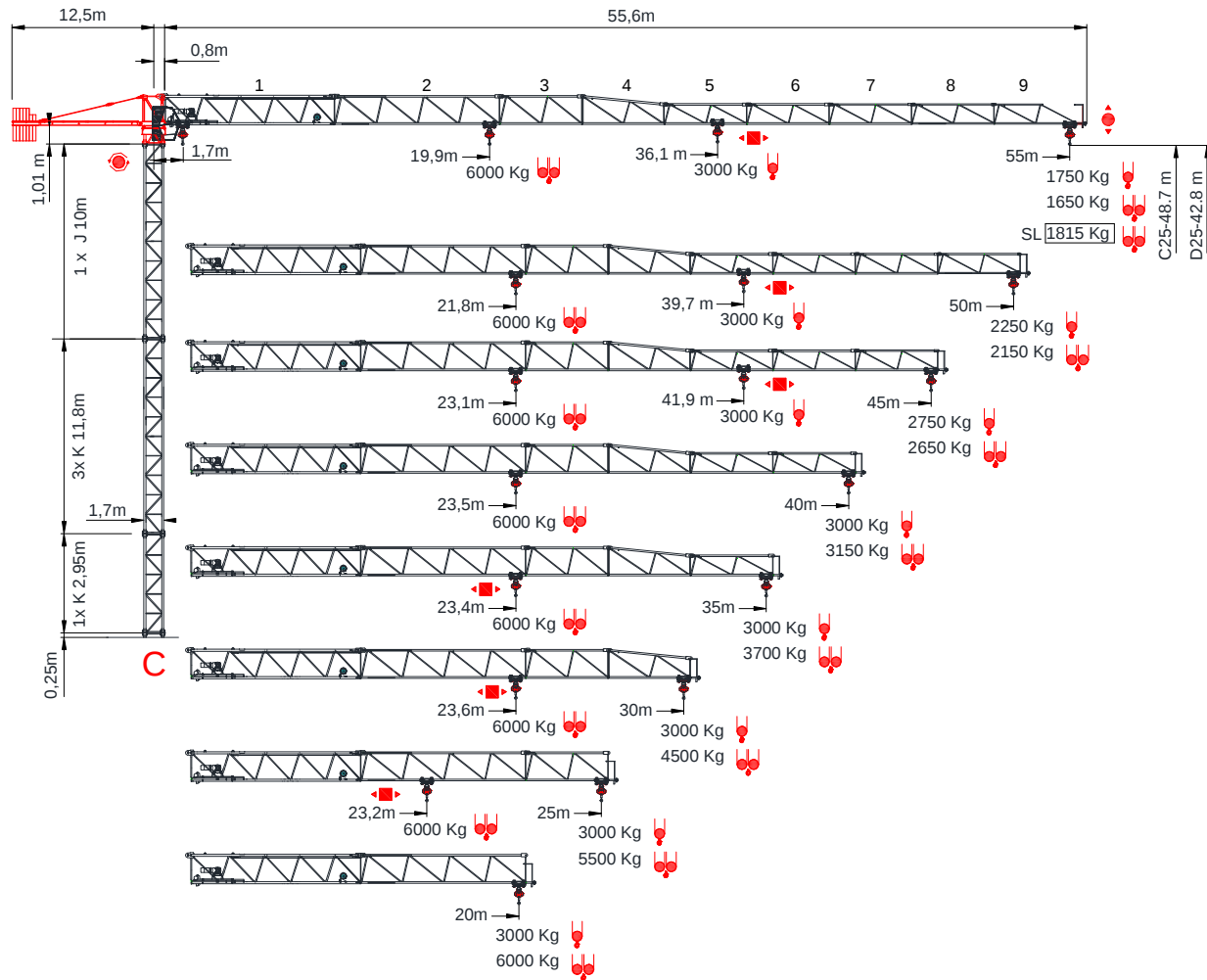


**DIN/FEM CE**

EN 14439-FEM 1005- C25/D25

REV. 0.0 \_ Oct. 2018

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

**55 m**

|      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |    |                                                                                     |
|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|----|-------------------------------------------------------------------------------------|
| 24   | 25   | 26   | 28   | 30   | 33   | 35   | 36,1 | 37    | 39   | 40   | 43   | 45   | 48   | 50   | 52   | 55   | m  |  |
| 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 2907  | 2723 | 2638 | 2409 | 2274 | 2093 | 1985 | 1885 | 1750 | Kg |  |
| 15   | 16   | 18   | 21   | 24   | 30   | 33   | 35   | 35,03 | 38   | 40   | 43   | 45   | 48   | 50   | 52   | 55   | m  |  |
| 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000  | 2705 | 2532 | 2304 | 2170 | 1990 | 1883 | 1784 | 1650 | Kg |  |
| 15   | 16   | 19,9 | 21   | 24   | 27   | 30   | 33   | 35    | 38   | 40   | 43   | 45   | 48   | 50   | 52   | 55   | m  |  |
| 6000 | 6000 | 6000 | 5634 | 4791 | 4149 | 3643 | 3235 | 3004  | 2705 | 2532 | 2304 | 2170 | 1990 | 1883 | 1784 | 1650 | Kg |  |
| 15   | 16   | 18   | 21,2 | 24   | 27   | 30   | 33   | 35    | 38   | 40   | 43   | 45   | 48   | 50   | 52   | 55   | m  |  |
| 6000 | 6000 | 6000 | 6000 | 5187 | 4497 | 3955 | 3517 | 3269  | 2948 | 2762 | 2518 | 2373 | 2180 | 2065 | 1959 | 1815 | Kg |  |

**SL**

|      |                                                                                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                                                                                     |                                                                                     |
|------|-----------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 50 m |                                                                                   | 24   | 25   | 26   | 28   | 30   | 33   | 35   | 37   | 39   | 39,7 | 40   | 43   | 45   | 48   | 50   | m                                                                                   |  |
|      |  | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 2973 | 2719 | 2570 | 2369 | 2250 | Kg                                                                                  |                                                                                     |
|      |                                                                                   | 15   | 18   | 21   | 24   | 27   | 33   | 35   | 38   | 38,6 | 40   | 43   | 45   | 48   | 50   | m    |  |                                                                                     |
|      |                                                                                   | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 2869 | 2617 | 2468 | 2269 | 2150 | Kg   |                                                                                     |                                                                                     |
| SL   |                                                                                   | 15   | 21   | 21,8 | 24   | 27   | 30   | 33   | 35   | 38   | 40   | 43   | 45   | 48   | 50   | m    |  |                                                                                     |
|      |                                                                                   | 6000 | 6000 | 6000 | 5371 | 4659 | 4100 | 3648 | 3392 | 3061 | 2869 | 2617 | 2468 | 2269 | 2150 | Kg   |                                                                                     |                                                                                     |
|      |                                                                                   | 15   | 18   | 19   | 21   | 23,4 | 27   | 30   | 33   | 35   | 38   | 40   | 43   | 45   | 48   | m    |                                                                                     |  |
|      |                                                                                   | 6000 | 6000 | 6000 | 6000 | 6000 | 5071 | 4467 | 3980 | 3704 | 3347 | 3141 | 2868 | 2708 | 2493 | Kg   |                                                                                     |                                                                                     |

**45 m**

|      |      |      |      |      |      |      |      |      |      |      |      |      |    |                                                                                     |
|------|------|------|------|------|------|------|------|------|------|------|------|------|----|-------------------------------------------------------------------------------------|
| 24   | 25   | 26   | 28   | 30   | 33   | 35   | 37   | 38   | 39   | 40   | 41,9 | 45   | m  |  |
| 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 2750 | Kg |  |
| 15   | 18   | 20   | 21   | 24   | 27   | 30   | 33   | 35   | 37   | 40,7 | 43   | 45   | m  |  |
| 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 2808 | 2650 | Kg |  |
| 15   | 18   | 20   | 21   | 23,1 | 27   | 30   | 33   | 35   | 37   | 40   | 43   | 45   | m  |  |
| 6000 | 6000 | 6000 | 6000 | 6000 | 4972 | 4379 | 3900 | 3629 | 3388 | 3075 | 2808 | 2650 | Kg |  |
| 15   | 16   | 20   | 21   | 24,8 | 27   | 30   | 33   | 35   | 38   | 40   | 43   | 45   | m  |  |
| 6000 | 6000 | 6000 | 6000 | 6000 | 5426 | 4785 | 4267 | 3973 | 3594 | 3375 | 3085 | 2915 | Kg |  |

**SL**

**40 m**

|      |      |      |      |      |      |      |      |      |      |      |    |                                                                                     |
|------|------|------|------|------|------|------|------|------|------|------|----|-------------------------------------------------------------------------------------|
| 24   | 25   | 26   | 28   | 30   | 34   | 35   | 37   | 38   | 39   | 40   | m  |    |
| 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | Kg |    |
| 15   | 18   | 20   | 22   | 24   | 27   | 30   | 34   | 36   | 38   | 40   | m  |   |
| 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | Kg |  |
| 15   | 18   | 20   | 22   | 23,5 | 27   | 30   | 33   | 36   | 38   | 40   | m  |  |
| 6000 | 6000 | 6000 | 6000 | 6000 | 5085 | 4480 | 3991 | 3588 | 3357 | 3150 | Kg |  |
| 15   | 16   | 20   | 21   | 25,3 | 27   | 30   | 33   | 35   | 38   | 40   | m  |  |
| 6000 | 6000 | 6000 | 6000 | 6000 | 5563 | 4907 | 4377 | 4077 | 3689 | 3465 | Kg |  |

**SL**

35 m

|      |      |      |      |      |      |      |                                                                                     |    |                                                                                     |
|------|------|------|------|------|------|------|-------------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------|
| 24   | 25   | 26   | 28   | 30   | 35   | m    |  |    |                                                                                     |
| 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | Kg   |  |    |                                                                                     |
| 15   | 19   | 20   | 21   | 24   | 27   | 33   | 35                                                                                  | m  |  |
| 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000                                                                                | Kg |  |
| 15   | 18   | 19   | 21   | 23,4 | 27   | 30   | 35                                                                                  | m  |  |
| 6000 | 6000 | 6000 | 6000 | 6000 | 5066 | 4463 | 3700                                                                                | Kg |  |
| 15   | 16   | 19   | 21   | 25,3 | 27   | 30   | 35                                                                                  | m  |  |
| 6000 | 6000 | 6000 | 6000 | 6000 | 5553 | 4898 | 4070                                                                                | Kg |  |

SL

30 m





SL

|      |      |      |                                                                                     |
|------|------|------|-------------------------------------------------------------------------------------|
| 15   | 30   | m    |  |
| 3000 | 3000 | Kg   |  |
| 15   | 30   | m    |  |
| 3000 | 3000 | Kg   |  |
| 10   | 15   | 20   |  |
| 6000 | 6000 | 6000 |  |
| 15   | 16   | 20   |  |
| 6000 | 6000 | 6000 |  |

23,6

30

m



6000

4500

Kg



25,5

30

m



6000

4950

Kg



25 m





SL

|      |      |      |                                                                                                                                  |
|------|------|------|----------------------------------------------------------------------------------------------------------------------------------|
| 15   | 25   | m    |                                               |
| 3000 | 3000 | Kg   |                                               |
| 15   | 25   | m    |                                               |
| 3000 | 3000 | Kg   |                                               |
| 10   | 15   | 20   | <div> <div>23,2</div> <div>25</div> </div>    |
| 6000 | 6000 | 6000 | <div> <div>6000</div> <div>5500</div> </div>  |
| 15   | 16   | 20   | <div> <div>21</div> <div>25</div> </div>      |
| 6000 | 6000 | 6000 | 6000                                          |

20 m



①

SL

|      |      |    |                                                                                                                                                                         |
|------|------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15   | 20   | m  |                                                                                      |
| 3000 | 3000 | Kg |                                                                                      |
| 15   | 20   | m  |   |
| 3000 | 3000 | Kg |                                                                                                                                                                         |

|      |      |      |      |      |    |                                                                                                                                                                         |
|------|------|------|------|------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10   | 15   | 17   | 18   | 20   | m  |   |
| 6000 | 6000 | 6000 | 6000 | 6000 | Kg |                                                                                                                                                                         |
| 15   | 16   | 18   | 21   | 20   | m  |   |
| 6000 | 6000 | 6000 | 6000 | 6000 | Kg |                                                                                                                                                                         |

① Consultarnos - Consultateci - Consult us - Nous consulter - Auf anfrage -

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

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

|  | 55 m     |   |   | 50 m     |   |   | 45 m     |   |   | 40 m     |   |   |
|-----------------------------------------------------------------------------------|----------|---|---|----------|---|---|----------|---|---|----------|---|---|
|                                                                                   | A        | B | C | A        | B | C | A        | B | C | A        | B | C |
|                                                                                   | 5        | 2 | - | 5        | 2 | - | 5        | 1 | - | 4        | 2 | - |
|                                                                                   | 16750 Kg |   |   | 16750 Kg |   |   | 15250 Kg |   |   | 14000 Kg |   |   |

|  | 35 m     |   |   | 30 m     |   |   | 25 m    |   |   | 20 m    |   |   |
|-----------------------------------------------------------------------------------|----------|---|---|----------|---|---|---------|---|---|---------|---|---|
|                                                                                   | A        | B | C | A        | B | C | A       | B | C | A       | B | C |
|                                                                                   | 4        | 1 | - | 3        | 2 | - | 3       | 1 | - | 2       | 2 | - |
|                                                                                   | 12500 Kg |   |   | 11250 Kg |   |   | 9750 Kg |   |   | 8500 Kg |   |   |

## Mecanismos - Mechanisms - Antriebe - Mécanismes - Meccanismi - Приводы

33 Hp (24 Kw) INV

400V / 50HZ

H.B.G. lebus 190m S/R Ø10mm

|                                                                                     |                                                                                    |       |  |  |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|   |  | m/min | 0 → 8                                                                             | 0 → 35                                                                              |
|                                                                                     |                                                                                    | Kg    | 3000                                                                              | 1000                                                                                |
|                                                                                     |                                                                                    | Kw    | 24                                                                                | 24                                                                                  |
|  |                                                                                    | m/min | 11 / 37 / 75                                                                      |                                                                                     |
|                                                                                     |                                                                                    | Kw    | 3                                                                                 |                                                                                     |
|  | INVERTER                                                                           | r.p.m | 0,3                                                                               | 0,6                                                                                 |
|                                                                                     |                                                                                    | Kw    | 2 x 5,5                                                                           |                                                                                     |
|  |                                                                                    | m/min | 20                                                                                |                                                                                     |
|                                                                                     |                                                                                    | Kw    | 2 x 2,2                                                                           |                                                                                     |

|                                                                                     |                                                                                     |                |                  |                                    |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|------------------|------------------------------------|
|  |  | 400 V<br>50 Hz | * 460 V<br>60 Hz | 33 Hp (24Kw) INV<br>38 Kw / 75 kVA |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|------------------|------------------------------------|

|  |  | 25 m                   | 50 m                   | 100 m                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------|------------------------|------------------------|
| 33 Hp (24 KW ) INV                                                                  |                                                                                     | 4 x 25 mm <sup>2</sup> | 4 x 25 mm <sup>2</sup> | 4 x 25 mm <sup>2</sup> |

\* Opcional / Optional / Opzionale

 Elevación / Hoisting / Heben / Levage / Sollevamento

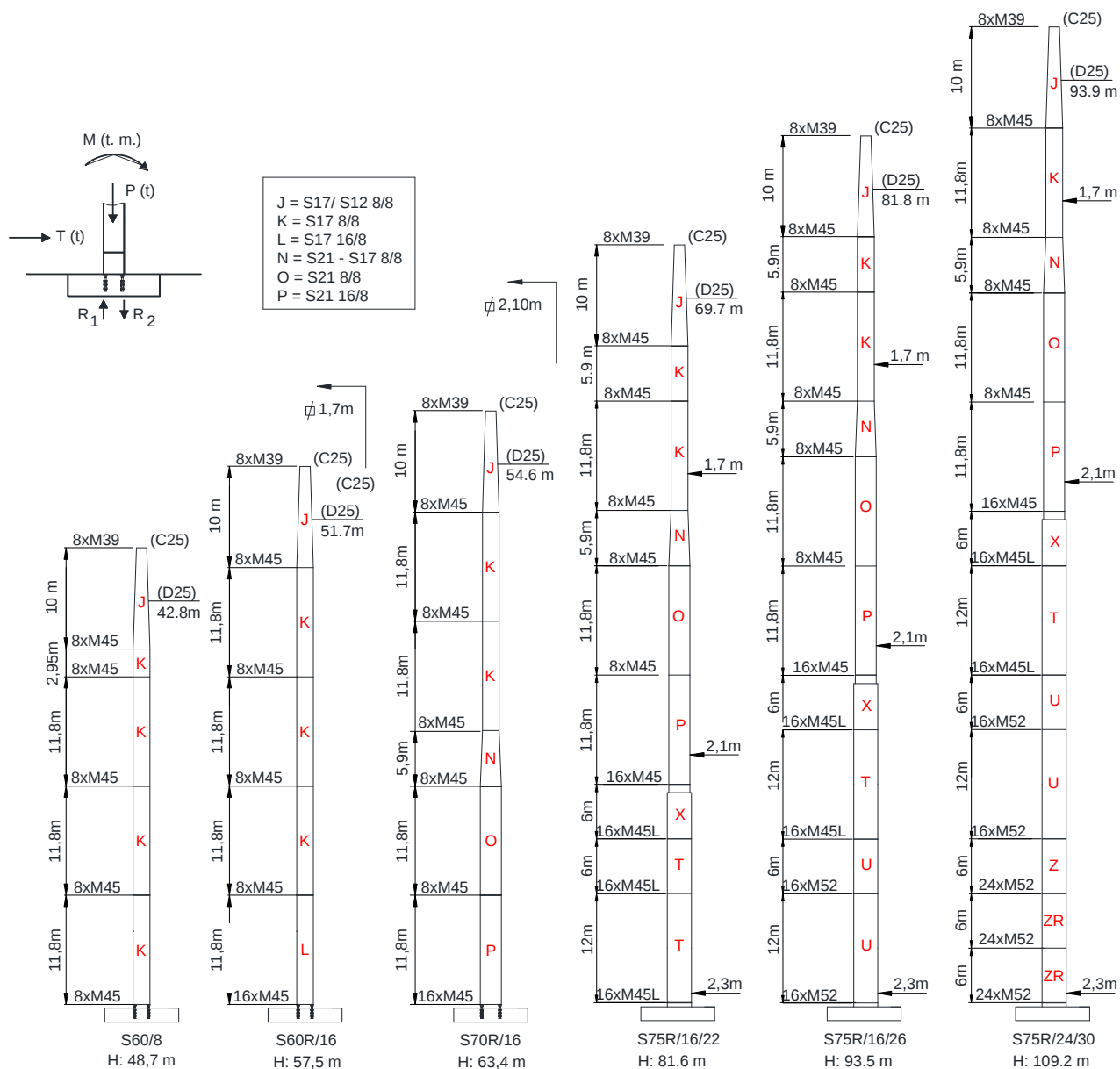
 Distribución / Trolleying / Katzfahren / Distribution / Distributions

 Orientación / Slewing / Schwenken / Orientation / Rotazione

 Traslación / Travelling / Schienenfahren / Translation / Traslazione

 Cable / Rope / Seil / Câble / Fune

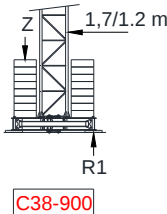
## FEM 1005-C25-D25 / EN 14439 - Mástil / Masts / Maste / Mat / Torre / Torre / Комплектация башни



|     |         |       |       |      |       |       |       |        |        |
|-----|---------|-------|-------|------|-------|-------|-------|--------|--------|
| C25 | H (m)   | 22.1  | 39.9  | 48.7 | 57.5  | 63.4  | 81.6  | 93.5   | 109.2  |
|     | M (T·m) | 169.7 | 299.5 | 380  | 496.5 | 591.7 | 999.1 | 1346.5 | 1788.2 |
|     | T (t)   | 4.2   | 6.4   | 7.4  | 12.7  | 14.1  | 19.3  | 23.4   | 28.3   |
|     | P (t)   | 42.6  | 51.8  | 55.8 | 55.3  | 59.8  | 75.8  | 89.9   | 106.5  |

## FEM 1005-C25-D25 / EN 14439 – Bloque lastre de base – Base ballast block – Grundballastblöcke – Bloc de lest de base – Blocco di zavorra alla base

(A/B)



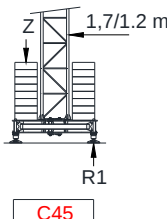
|     |        |        |        |        |        |        |         |
|-----|--------|--------|--------|--------|--------|--------|---------|
| C25 | H (m)  | 25.5 m | 28.5 m | 31.5 m | 34.4 m | 37.4 m | 43.3 m  |
|     | R1 (t) | 57.1 t | 60.7 t | 64.7 t | 69.3 t | 76.4 t | 105.5 t |
|     | Z (t)  | 70 t   | 80 t   | 90 t   | 100 t  | 110 t  | 130 t   |

C38-900

|      |       |      |       |      |
|------|-------|------|-------|------|
| H(m) | K11.8 | K5.9 | K2.95 | J 10 |
| 43.3 | 2     | 1    | 1     | 1    |

|     |       |        |
|-----|-------|--------|
| D25 | H (m) | 37.4 m |
|     | Z (t) | 120 t  |

(A/B)



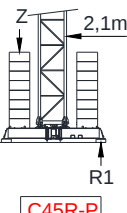
|     |        |        |        |        |        |        |        |
|-----|--------|--------|--------|--------|--------|--------|--------|
| C25 | H (m)  | 25.5 m | 28.5 m | 31.5 m | 34.4 m | 37.4 m | 43.3 m |
|     | R1 (t) | 47.7 t | 51.2 t | 54.7 t | 58.5 t | 62.9 t | 86.4 t |
|     | Z (t)  | 50 t   | 60 t   | 60 t   | 70 t   | 80 t   | 100 t  |

C45

|      |       |      |       |      |
|------|-------|------|-------|------|
| H(m) | K11.8 | K5.9 | K2.95 | J 10 |
| 43.3 | 2     | 1    | 1     | 1    |

|     |       |        |
|-----|-------|--------|
| D25 | H (m) | 37.4 m |
|     | Z (t) | 90 t   |

(A/B)



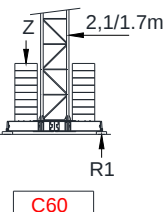
|     |        |        |         |        |         |         |
|-----|--------|--------|---------|--------|---------|---------|
| C25 | H (m)  | 46.3 m | 49.2 m  | 55.1 m | 58.1 m  | 64 m    |
|     | R1 (t) | 98.4 t | 112.3 t | 143 t  | 160.2 t | 198.2 t |
|     | Z (t)  | 110 t  | 120 t   | 140 t  | 160 t   | 220 t   |

C45R-P

|      |   |       |      |   |       |      |       |      |
|------|---|-------|------|---|-------|------|-------|------|
| H(m) | P | O11.8 | O5.9 | N | K11.8 | K5.9 | K2.95 | J 10 |
| 64   | 1 | 1     | -    | 1 | 2     | -    | -     | 1    |
| 55.1 | - | 1     | -    | 1 | 2     | -    | 1     | 1    |

|     |       |        |
|-----|-------|--------|
| D25 | H (m) | 52.1 m |
|     | Z (t) | 180 t  |

(A/B)



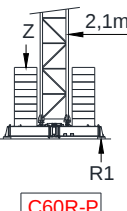
|     |        |        |        |        |        |         |
|-----|--------|--------|--------|--------|--------|---------|
| C25 | H (m)  | 43.5 m | 46.4 m | 49.4 m | 52.3 m | 55.3 m  |
|     | R1 (t) | 63.7 t | 73.3 t | 83.7 t | 94.8 t | 106.7 t |
|     | Z (t)  | 60t    | 70t    | 80 t   | 90 t   | 110 t   |

C60

|      |       |      |   |       |       |      |
|------|-------|------|---|-------|-------|------|
| H(m) | O11.8 | O5.9 | N | K11.8 | K2.95 | J 10 |
| 55.3 | 1     | -    | 1 | 2     | 1     | 1    |

|     |       |        |
|-----|-------|--------|
| D25 | H (m) | 46.4 m |
|     | Z (t) | 90 t   |

(A/B)



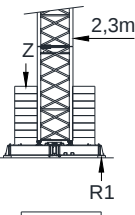
|     |        |         |         |         |         |
|-----|--------|---------|---------|---------|---------|
| C25 | H (m)  | 55.3 m  | 58.3 m  | 61.2 m  | 64.2 m  |
|     | R1 (t) | 104.8 t | 117.1 t | 130.2 t | 144.2 t |
|     | Z (t)  | 90 t    | 100 t   | 110 t   | 150 t   |

C60R-P

|      |   |       |   |       |      |      |
|------|---|-------|---|-------|------|------|
| H(m) | P | O11.8 | N | K11.8 | K5.9 | J 10 |
| 64.2 | 1 | 1     | 1 | 2     | -    | 1    |

|     |       |        |
|-----|-------|--------|
| D25 | H (m) | 55.3 m |
|     | Z (t) | 130 t  |

(A/B)



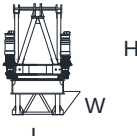
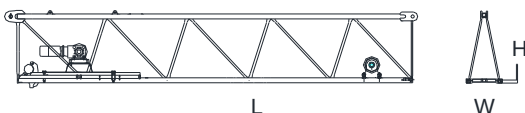
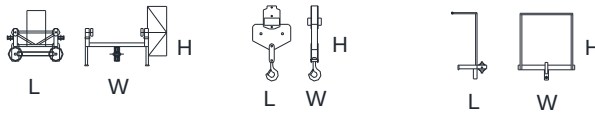
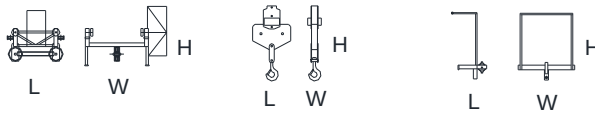
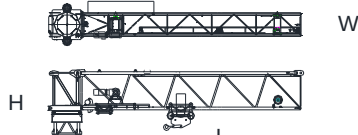
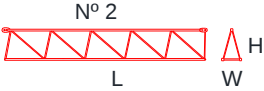
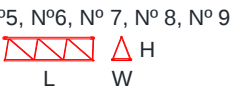
|     |        |         |         |         |         |         |
|-----|--------|---------|---------|---------|---------|---------|
| C25 | H (m)  | 61.8 m  | 64.8 m  | 67.7 m  | 70.7 m  | 76.3 m  |
|     | R1 (t) | 133.9 t | 146.9 t | 160.7 t | 175.3 t | 194.8 t |
|     | Z (t)  | 110 t   | 120 t   | 140 t   | 160 t   | 230 t   |

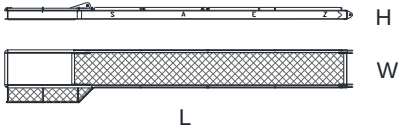
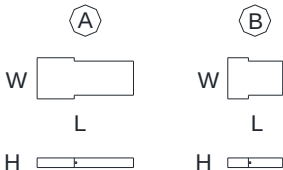
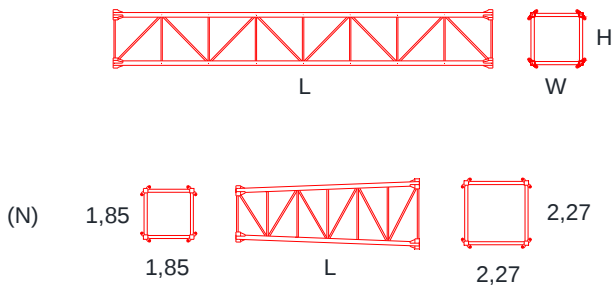
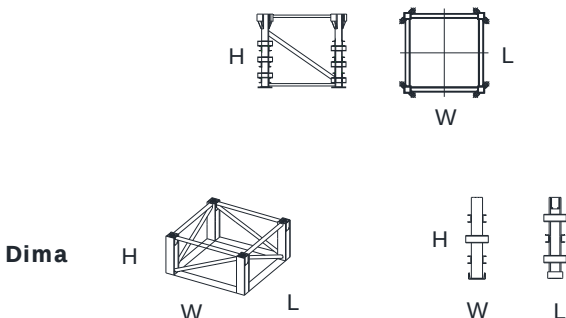
C60R-U

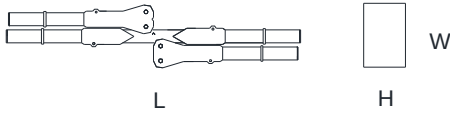
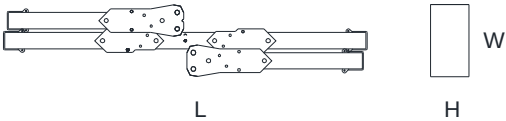
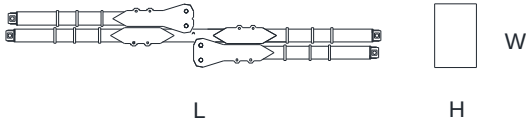
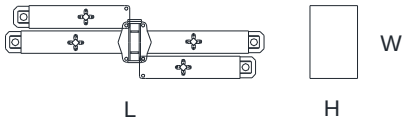
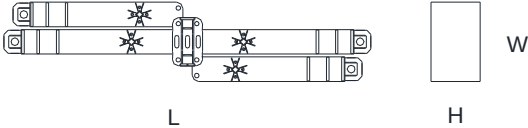
|      |    |   |   |       |   |       |      |
|------|----|---|---|-------|---|-------|------|
| H(m) | T6 | X | P | O11.8 | N | K11.8 | J 10 |
| 76.3 | 3  | 1 | 1 | 1     | 1 | 1     | 1    |

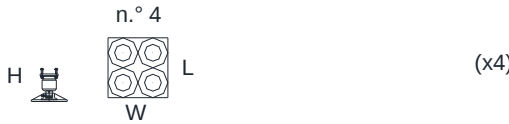
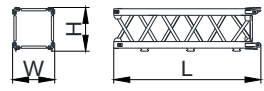
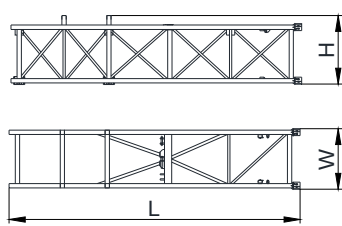
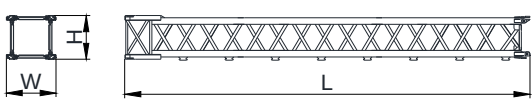
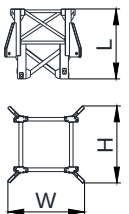
|     |       |        |
|-----|-------|--------|
| D25 | H (m) | 67.8 m |
|     | Z (t) | 220 t  |

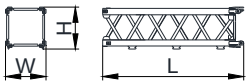
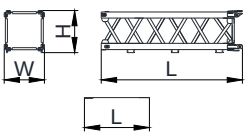
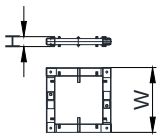
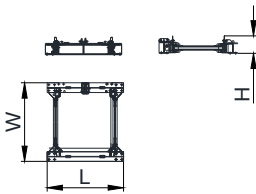
**Dimensiones y transporte - dimensions and transport - Abmessungen und Transport - dimensions et des transports - dimensioni e trasporti - Размеры и транспорта**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | L(m)                                 | W(m)                                                        | H(m)                                                         | Peso(Kg)                                                     |                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------|
| <b>Unidad de rotacion</b> / Complete slewing unit / Drehbühne / Orientation / Rotazione<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.86                                 | 1.86                                                        | 3                                                            | 3925                                                         |                                                       |
| <b>Pluma tramo primero</b> / Jib heel section / Ausleger-Anlenkstück / Pied de fleche / Settore articolato di braccio<br>                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10.7                                 | 1,25                                                        | 2.3                                                          | 3225                                                         |                                                       |
| <b>Equipo de Elevacion</b> / Hoist winch<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      |                                                             |                                                              | 690                                                          |                                                       |
| <b>Gancho, Carro y Puntera</b> / Hook, Trolley and jib head / Lasthaken - Laufkatze-Cabeça de Lança / Crochet - Chariot-Pointe de fleche / Gancio - Carrello e Punta freccia<br>                                                                                                                                                                                                                                                                                                                                                                             | 1,55<br>0,8<br>0,8                   | 1,35<br>0,15<br>1,2                                         | 1.5<br>1,5<br>1,4                                            | 335<br>260<br>100                                            |                                                       |
| <b>Unidad de rotacion + pluma 1</b> / Complete slewing unit+ jib heel section / Drehbühne / Orientation / Rotazione<br>                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11.96                                | 2.3                                                         | 3                                                            | 7850                                                         |                                                       |
| <b>Cabina y soporte</b> / Cabin and platform / Kabine und wartungs / Cabine et support / Cabina e supporto<br>                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3,3                                  | 1.3                                                         | 2,35                                                         | 1135                                                         |                                                       |
| <b>Elemento intermedio de pluma</b> / Intermediate jib section / Ausleger-Zwischenstück / Elément interm. de fleche / Spezzzone di braccio<br><div><div><div>Nº 2</div></div><div><div>Nº 3</div></div></div> <div><div><div>Nº 4</div></div><div><div>Nº5, Nº6, Nº 7, Nº 8, Nº 9</div></div></div> | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9 | 10.3<br>5.22<br>5.22<br>5,2<br>5,17<br>5,17<br>5,14<br>5,14 | 1,11<br>1,11<br>1,11<br>1,11<br>1,11<br>1,11<br>1,11<br>1,11 | 1.83<br>1,81<br>1,8/1.3<br>1.3<br>1.3<br>1.3<br>1,28<br>1,28 | 1375<br>575<br>555<br>535<br>415<br>370<br>295<br>250 |

|                                                                                                                        |  | L(m)      | W(m) | H(m) | Peso(Kg) |       |
|------------------------------------------------------------------------------------------------------------------------|--|-----------|------|------|----------|-------|
| <b>Contrapluma con tirantes</b> / Counter-jib and tie-bars / Gegenausleger / Contre-fleche / Controbraccio             |  |           |      |      |          |       |
|                                       |  | 11,94     | 1,8  | 0,6  | 3170     |       |
| <b>Barandillas</b> / Protection                                                                                        |  | 240       |      |      |          |       |
| <b>Bloque de contrapeso</b> / Counterweight blocks / Gegengewichtsblöcke / Bloc de contrepoids / Blocco di contrappeso |  |           |      |      |          |       |
|                                       |  | A         | 3,5  | 1,25 | 0,29     | 2750  |
|                                                                                                                        |  | B         | 1,83 | 1,25 | 0,29     | 1500  |
| <b>Elemento de torre</b> / Tower section / Turmstück / Élément de mât / Elemento di torre                              |  |           |      |      |          |       |
|                                      |  | J         | 10   | 1,85 | 1,38     | 3520  |
|                                                                                                                        |  | K         | 11,8 | 1,85 | 1,85     | 4620  |
|                                                                                                                        |  | K         | 5,9  | 1,85 | 1,85     | 2505  |
|                                                                                                                        |  | K         | 3    | 1,85 | 1,85     | 1500  |
|                                                                                                                        |  | L         | 11,8 | 1,85 | 1,85     | 5325  |
|                                                                                                                        |  | O         | 11,8 | 2,27 | 2,27     | 4980  |
|                                                                                                                        |  | O         | 5,9  | 2,27 | 2,27     | 2680  |
|                                                                                                                        |  | O         | 3    | 2,27 | 2,27     | 1580  |
|                                                                                                                        |  | P         | 11,8 | 2,27 | 2,27     | 5880  |
|                                                                                                                        |  | N         | 5,9  |      |          | 2850  |
|                                                                                                                        |  | X         | 6    | 2,27 | 2,29     | 4830  |
|                                                                                                                        |  | T         | 6    | 2,27 | 2,29     | 4780  |
|                                                                                                                        |  | T         | 12   | 2,27 | 2,29     | 9000  |
|                                                                                                                        |  | U         | 6    | 2,31 | 2,34     | 6200  |
|                                                                                                                        |  | U         | 12   | 2,31 | 2,34     | 11180 |
|                                                                                                                        |  | Z         | 6    | 2,61 | 2,34     | 5980  |
|                                                                                                                        |  | ZR        | 6    | 2,31 | 2,34     | 8022  |
| <b>Elemento de empotre</b> / Foundation anchor / Fundamentanker / Pieds de scellement / El annegare                    |  |           |      |      |          |       |
|                                     |  | 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 | 1,6      | 1200  |
|                                                                                                                        |  | S75R16/22 | 0,5  | 0,5  | 2        | 1400  |
|                                                                                                                        |  | S75R16/26 | 0,5  | 0,5  | 2,4      | 2100  |
|                                                                                                                        |  | S75R24/26 | 0,5  | 0,5  | 2,4      | 3400  |
|                                                                                                                        |  | S75R24/30 | 0,8  | 0,8  | 3        | 3600  |
|                                                                                                                        |  | Dima      | 2,31 | 2,34 | 0,8      | 1650  |

|                                                                                                                                                                                                                     | L(m)       | W(m)        | H(m)       | Peso(Kg)     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|------------|--------------|
| <b>Base C38</b> / base C38/ Hauptträger für fundamentkreuz C38 / Base C38 / Base C38<br>                                           | 5,75       | 1,47        | 0,77       | 3670         |
| <b>Base C38-900</b> / base C38-900 / Hauptträger für fundamentkreuz C38-900 / Base C38-900 / Base C38-900<br>                      | 5,75       | 1,47        | 0,97       | 5550         |
| <b>Base Cruciforme C45-700</b> / Crossbase C45-700 / Fundamentkreuz C45-700 / Châsis C45-700 / Carro base C45-700<br>              | 6,7        | 1,3         | 0,77       | 6190         |
| <b>Base C60-900</b> / base C60-900 / Hauptträger für fundamentkreuz C60-900 / Base C60-900 / Base C60-900<br>                     | 8,66       | 1,47        | 0,96       | 8625         |
| <b>Base C45R-P</b> / base C45R-P / Hauptträger für fundamentkreuz C45R-P / Base C45R-P / Base C45R-P<br>                         | 6,9        | 1,94        | 1,14       | 9000         |
| <b>Base C60R-P/U</b> / base C60R-P/U / Hauptträger für fundamentkreuz C60R-P/U / Base C60R-P/U / Base C60R-P/U<br>               | 9,01       | 1,94        | 1,35       | 13500        |
| <b>Bloque lastre de base</b> / Base ballast block / Grundballastblöcke / Bloc de lest de base / Blocco di zavorra alla base<br>  | 4,5<br>5,8 | 0,51<br>0,4 | 0,9<br>1,5 | 5000<br>8000 |
| <b>Bloque apoyo de base</b> / Base support block / Grundballastblöcke / Bloc de appui de base / Blocco di appoggio alla base<br> | 3,75       | 0,5         | 1,2        | 5400         |

|                                                                                                                                                                             | L(m) | W(m) | H(m) | Peso(Kg) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|----------|
| <b>Traslacion</b> / Travelling bogies / Kranfahren / Traslation / Traslazione                                                                                               |      |      |      |          |
|                                                                                           | 1,15 | 0,25 | 0,45 | 450      |
|                                                                                                                                                                             | 1,15 | 1,25 | 0,45 | 505      |
| <b>Niveladores</b> / Levellers / Spindel pyramide / Niveleurs / Piedi regolabile                                                                                            |      |      |      |          |
|                                                                                           | 1,20 | 1,20 | 0,65 | 250      |
| <b>Tramo trepador SM110</b> / Climbing tower section / Turmstück / Mâtüre télescópable / Elemento di torre monolitico                                                       |      |      |      |          |
|                                                                                            | 4,09 | 1,17 | 1,22 | 1420     |
| <b>Jaula de telescopaje SM110</b> / Climbing cage SM110 / Hydraulikbühne SM110 / Cage de telescopage SM110 / Gabbia di montaggio SM110                                      |      |      |      |          |
| <b>Completa</b> / Full / Vollständige / Complete / completa<br>                         | 8,1  | 1,7  | 1,92 | 3840     |
| <b>Estructura</b> / Steel frame / Struktur / Construction / Struttura                                                                                                       |      |      |      | 2425     |
| <b>Hidraulico y accesorios</b> / Hydraulic and accessories / Hydraulik-und Zubehör / hydraulique et accessoires / idrauliche ed accessori                                   |      |      |      | 1415     |
| <b>Tramo de transición SM110-1,2/1,09</b> / Climbing connection frame / Turmstück Elément de transition / Telaio di raccordo a spinta                                       |      |      |      |          |
|                                                                                          | 11,2 | 1,38 | 1,21 | 3695     |
| <b>Tramo de enlace a cabina SM110-1,09/1,2</b> / Climbing cage connection frame / Turmstück Elément de connection pour la cage de télescópaje / Telaio di raccordo a spinta |      |      |      |          |
|                                                                                          | 1,5  | 1,65 | 1,65 | 875      |

|                                                                                                                                              | L(m) | W(m) | H(m) | Peso(Kg) |
|----------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|----------|
| <b>Tramo trepador SM110 - A</b> / Climbing tower section / Turmstück / Mâtüre<br>téléscopable / Elemento di torre monolitico                 | 4,09 | 1,17 | 1,22 | 1900     |
|                                                             |      |      |      |          |
| <b>Tramo trepador SM110 - B</b> / Climbing tower section / Turmstück / Mâtüre<br>téléscopable / Elemento di torre monolitico                 | 4,09 | 1,17 | 1,22 | 1750     |
|                                                             |      |      |      |          |
| <b>Marco trepado externo</b> / Tie-frame / Cadre d'encrage externe / Sopralzo con<br>ancoraggio esterno                                      | 1,7  | 1,7  | 0,26 | 720      |
|                                                             |      |      |      |          |
| <b>Marco trepado interno</b> / Floor climbing frame / Cadre d'encrage interne /<br>Sopralzo interno                                          | 2,4  | 2,38 | 0,45 | 1503     |
|                                                           |      |      |      |          |
| <b>Hidraulico y accesorios</b> / Hydraulic and accessories / Hydraulik-und Zubehör /<br>hydraulique et accessoires / idrauliche ed accessori |      |      |      | 1100     |



40" HC x 5 - HBG 28 m



x 5 - HBG 28 m