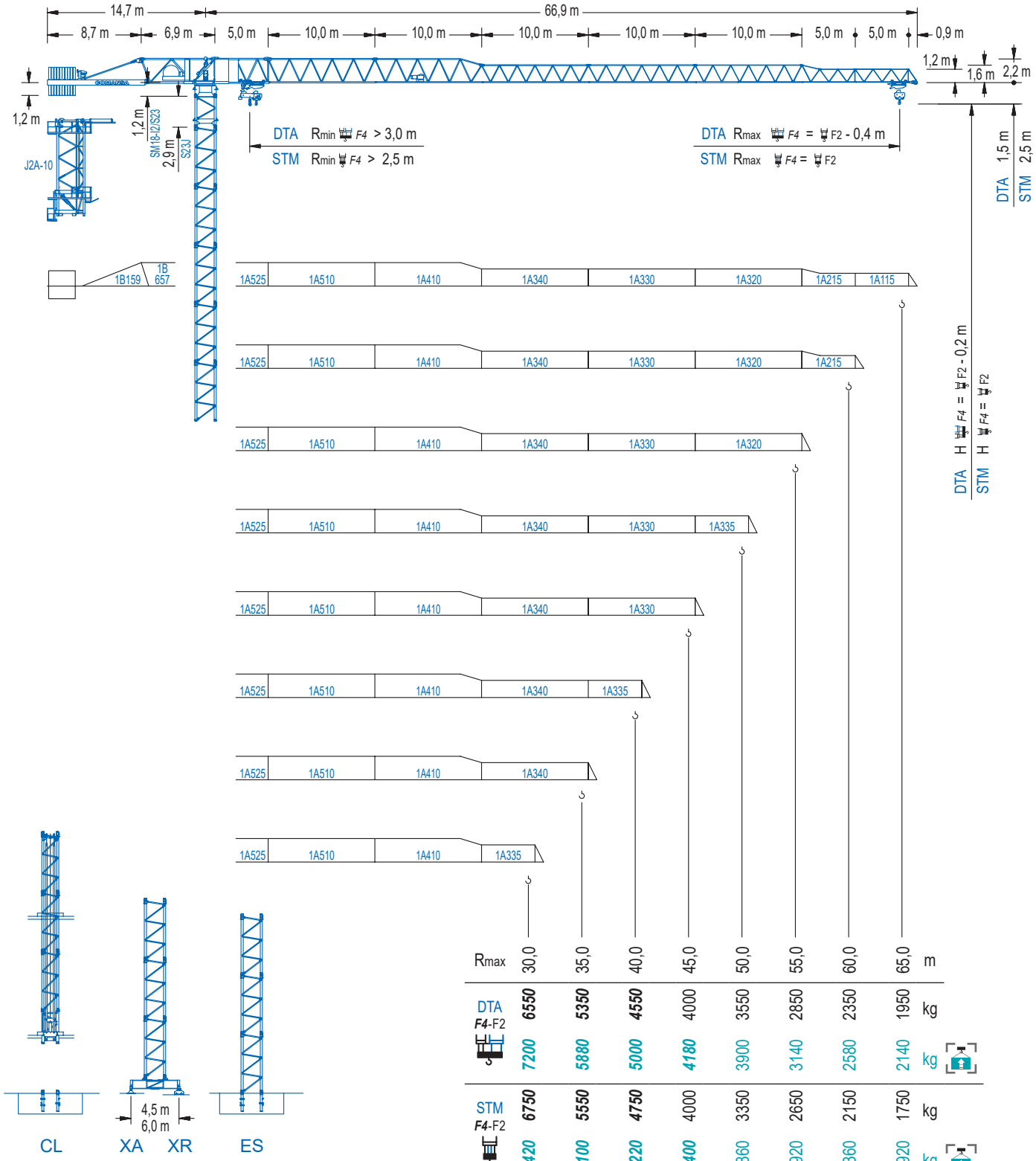
COMANSA

# 1800 Series 18LC185 8 t




| Rmax | 30,0 | 35,0 | 40,0 | 45,0 | 50,0 | 55,0 | 60,0 | 65,0 | m |
|---|---|---|---|---|---|---|---|---|---|
| DTA F4-F2 | 6550 | 5350 | 4550 | 4000 | 3550 | 2850 | 2350 | 1950 | kg |
| | 7200 | 5880 | 5000 | 4180 | 3900 | 3140 | 2580 | 2140 | kg |
| STM F4-F2 | 6750 | 5550 | 4750 | 4000 | 3350 | 2650 | 2150 | 1750 | kg |
| | 7420 | 6100 | 5220 | 4400 | 3860 | 2920 | 2360 | 1920 | kg |

DTA Doble Carro Cambio Reenvíos Automático / Double Trolley Automatic Reeving Change / Double chariot avec changement de mouflage automatique / Doppel Katze mit automatischer Umscheerung / Автоматическое переключение на сдвоенную каретку

STM Simple Carro Cambio Reenvíos Manual / Simple Trolley Manual Reeving Change / Simple chariot avec changement de mouflage manuel / Einfach Katze mit manueller Umscheerung / Механическое (ручное) переключение на одинарную каретку

CE EN 14439 2025

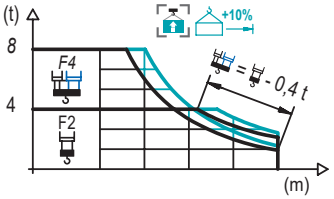


SMART LIFT ECO MODE POWER LIFT

## DIAGRAMA DE CARGAS / LOAD CHART
Diagramme de charges / Lastdiagramm / Диаграмма распределения нагрузки

**DTA**
EFU4-24-20; EFU4-37-20

| R | 8 t | 4 t | F4 17,0 | 20,0 | 22,0 | 25,0 | 27,0 | 30,0 | F2 35,0 | 40,0 | 45,0 | 50,0 | 55,0 | 60,0 | 65,0 | ⇦(m) ⇩(kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65,0 | 18,1<br>19,5 | 32,2 \| 35,0<br>34,8 \| 37,9 | 8000<br>8000 | 7090<br>7750 | 6340<br>6930 | 5440<br>5960 | 4960<br>5440 | 4370<br>4790 | 4000<br>4000 | 3440<br>3760 | 3010<br>3290 | 2660<br>2920 | 2380<br>2610 | 2150<br>2360 | 1950<br>2140 | |
| 60,0 | 19,4<br>20,9 | 34,6 \| 37,8<br>37,5 \| 40,9 | 8000 | 7700<br>8000 | 6890<br>7550 | 5930<br>6500 | 5410<br>5940 | 4770<br>5240 | 4000<br>4350 | 3750<br>4000 | 3280<br>3600 | 2910<br>3190 | 2600<br>2860 | 2350<br>2580 | | |
| 55,0 | 20,8<br>22,6 | 37,3 \| 40,8<br>40,5 \| 44,3 | | 8000 | 7510<br>8000 | 6470<br>7110 | 5910<br>6500 | 5210<br>5740 | 4330<br>4780 | 4000<br>4060 | 3580<br>3930 | 3180<br>3490 | 2850<br>3140 | | | |
| 50,0 | 22,8<br>24,8 | 41,0 \| 45,0<br>44,6 \| 48,9 | | | 8000<br>8000 | 7210<br>7930 | 6590<br>7250 | 5820<br>6420 | 4850<br>5360 | 4120<br>4560 | 4000<br>4000 | 3550<br>3900 | | | | |
| 45,0 | 23,8<br>25,7 | 42,8 \| 45,0<br>44,6 \| | | | 8000 | 7560<br>8000 | 6920<br>7560 | 6120<br>6690 | 5100<br>5590 | 4340<br>4760 | 4000<br>4180 | | | | | |
| 40,0 | 24,5<br>26,5 | 39,6 \|<br>39,6 \| | | | 8000 | 7810<br>8000 | 7140<br>7820 | 6320<br>6930 | 5270<br>5790 | 4550<br>5000 | | | | | | |
| 35,0 | 24,5<br>26,5 | 34,6 \|<br>34,6 \| | | | 8000 | 7810<br>8000 | 7140<br>7840 | 6320<br>6940 | 5350<br>5880 | | | | | | | |
| 30,0 | 24,9<br>27,0 | 29,6 \|<br>29,6 \| | | | 8000 | 7950 | 7280<br>8000 | 6550<br>7200 | | | | | | | | |

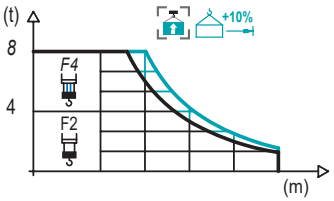



1800 Series

## DIAGRAMA DE CARGAS / LOAD CHART
Diagramme de charges / Lastdiagramm / Диаграмма распределения нагрузки

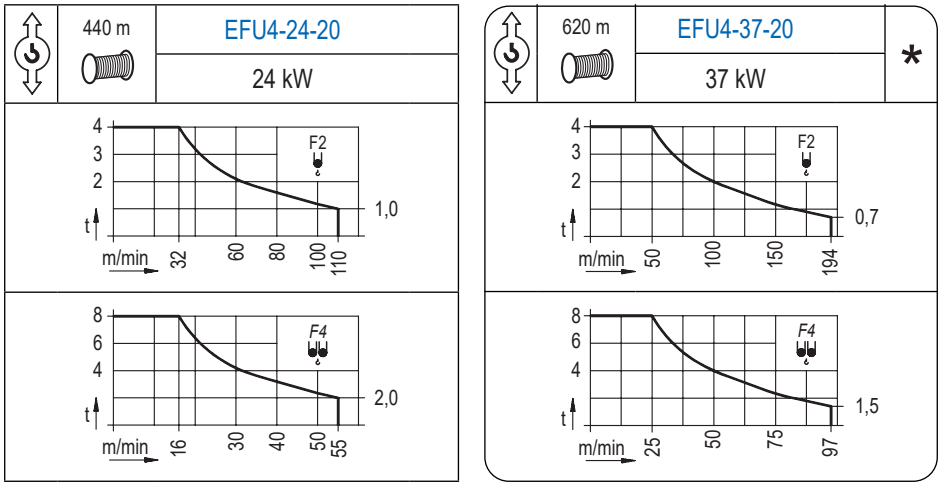
**STM**
EFU4-24-20; EFU4-37-20

| R | 8 t | 4 t | F4 17,0 | 20,0 | 22,0 | 25,0 | 27,0 | 30,0 | F2 35,0 | 40,0 | 45,0 | 50,0 | 55,0 | 60,0 | 65,0 | ⇦(m) ⇩(kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65,0 | 18,1<br>19,4 | 33,2<br>35,7 | 8000<br>8000 | 7140<br>7740 | 6410<br>6950 | 5540<br>6010 | 5080<br>5510 | 4500<br>4880 | 3760<br>4090 | 3210<br>3500 | 2780<br>3040 | 2450<br>2680 | 2170<br>2380 | 1940<br>2130 | 1750<br>1920 | |
| 60,0 | 19,5<br>21,0 | 35,9<br>38,7 | 8000 | 7790<br>8000 | 7000<br>7600 | 6060<br>6580 | 5550<br>6040 | 4920<br>5360 | 4120<br>4490 | 3520<br>3850 | 3060<br>3350 | 2700<br>2960 | 2400<br>2630 | 2150<br>2360 | | |
| 55,0 | 21,1<br>22,8 | 38,9<br>42,1 | | 8000 | 7640<br>8000 | 6620<br>7220 | 6070<br>6620 | 5390<br>5880 | 4520<br>4940 | 3870<br>4240 | 3370<br>3700 | 2970<br>3270 | 2650<br>2920 | | | |
| 50,0 | 23,3<br>25,2 | 43,0<br>46,6 | | | 8000 | 7390<br>8000 | 6780<br>7410 | 6020<br>6590 | 5060<br>5540 | 4340<br>4760 | 3790<br>4160 | 3350<br>3680 | | | | |
| 45,0 | 24,4<br>26,4 | | | | 8000 | 7780<br>8000 | 7140<br>7810 | 6340<br>6950 | 5330<br>5850 | 4580<br>5030 | 4000<br>4400 | | | | | |
| 40,0 | 25,1<br>27,3 | | | | | 8000 | 7390<br>8000 | 6570<br>7210 | 5530<br>6070 | 4750<br>5220 | | | | | | |
| 35,0 | 25,2<br>27,5 | | | | | 8000 | 7420<br>8000 | 6600<br>7250 | 5550<br>6100 | | | | | | | |
| 30,0 | 25,8<br>28,1 | | | | | 8000 | 7590<br>8000 | 6750<br>7420 | | | | | | | | |




Datos válidos hasta 100 m de ABG. Para alturas mayores consultar / Valid data up to 100 m HUH. Additional heights on request / Données valables jusqu'à 100 m HSC. Pour des autres hauteurs, merci de nous consulter / Gültige Daten bis zu 100 m HH. Bei höheren Hakenhöhen nachfragen / Допустимые данные до 100 м ВПК. Для более высоких высот консультируйтесь

## MECANISMOS / MECHANISMS
Mécanismes / Antriebe / Механизмы



## MECANISMOS / MECHANISMS
Mécanismes / Antriebe / Механизмы

| CFU-4.0 |
|---|
| 4 kW |
| 0 ⇨ 80 m/min |

| GFU-7.5 |
|---|
| 2x 7,5 kW |
| 0 ⇨ 0,7 rpm |

| TRFU-7.5 |
|---|
| 2x 7,5 kW |
| 25 m/min |
| 3XR |

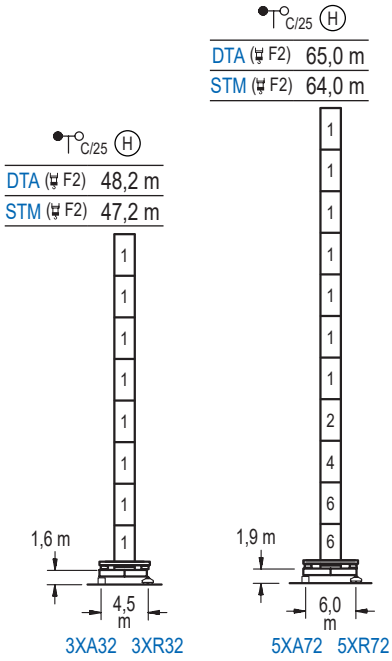
| TRFU-7.5 |
|---|
| 2x 7,5 kW |
| 25 m/min |
| 5XR |

| Elevación / Hoist / Levage / Hub / Тип механизма (подъем) | Carro / Trolley / Chariot / Laufkatze / Грузовая тележка | Giro / Slewing / Rotation / Drehbewegung / Поворот | Traslación / Travel / Translation / Verfahrbewegung / Ход | Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Напряжение источника питания | Potencia requerida / Required power / Puissance requise / Benötigte Leistung / требуемая мощность |
|---|---|---|---|---|---|
| EFU4-24-20 | CFU-4.0 | (2x) GFU-7.5 | (2x) TRFU-7.5 | 400 V 3 ph 50 Hz | 39 kVA |
| EFU4-37-20 | | | | | 52 kVA |

| Opcional / Optional / En option / Kauftoption / Опционально |
|---|
| * |

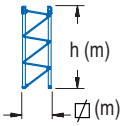
## ALTURAS BAJO GANCHO / HEIGHTS UNDER HOOK
Hauteurs sous crochet / Hakenhöhen / Высота под крюком

⌀ 2,0 m




3XA32 3XR32 — 5XA72 5XR72

| DTA H F4 = F2 - 0,2 m |
|---|
| STM H F4 = F2 |



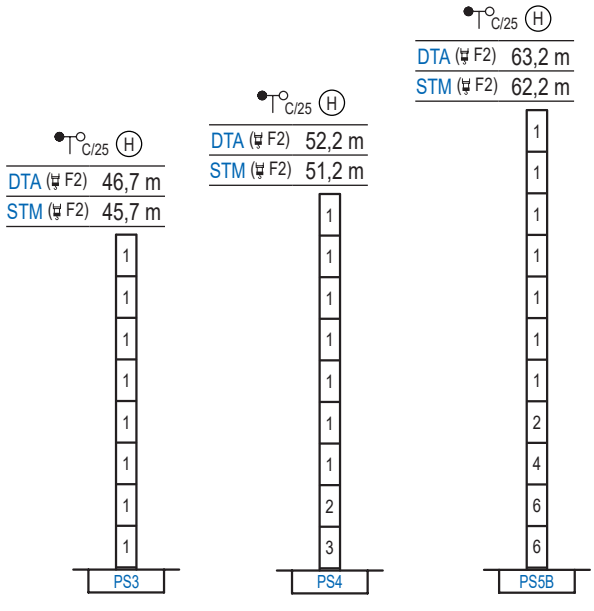

| nº | Ref. | ⌀ | h |
|---|---|---|---|
| 1 | S23 | 2,0 | 5,5 |
| 2 | TS24 | 2,0 | 5,5 |
| 3 | S24 | 2,0 | 5,5 |
| 4 | TS25B | 2,0 | 5,5 |
| 6 | S25B | 2,0 | 5,5 |

1x S23 = 1x S23M
1x S25B = 1x S25BM




| | G (t) | Z max (kN) ES | Z max (kN) FS |
|---|---|---|---|
| 3XA32 3XR32 | 86,4 | 790 | 895 |
| 5XA72 5XR72 | 135,0 | 922 | 1335 |
| | | | |

ES En servicio / In operation / En service / In Betrieb / При работе
FS Fuera de servicio / Out of service / Hors service / Ausser Betrieb / В стационарном состоянии




ES32 ES52 ES72




| | R1 (kN) ES | R1 (kN) FS | R2 (kN) ES | R2 (kN) FS |
|---|---|---|---|---|
| ES32 | -998 | -1268 | 658 | 937 |
| ES52 | -1080 | -1523 | 723 | 1176 |
| ES72 | -1266 | -2251 | 873 | 1868 |

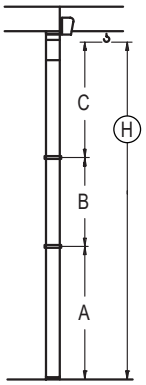
ES En servicio / In operation / En service / In Betrieb / При работе
FS Fuera de servicio / Out of service / Hors service / Ausser Betrieb / В стационарном состоянии

Otras zonas de viento, alturas superiores, arriostramientos o trepado interno consultar / Other wind zones, additional hook heights, tie frames or internal climbing on request / Autres zones de vent, des hauteurs supplémentaires, entretoisements où grues avec cage de télescopage intérieure, sur demande / Andere Windzonen, weitere Hakenhöhen, Abspannungen zum Gebäude oder Klettern im Gebäude auf Anfrage / При других ветренных зонах, при бóльшой высоте, привязках к зданию или наращивании крана внутри здания проконсультируйтесь с нами

1800 Series

## GRÚA ARRIOSTRADA / BRACED CRANE
Grue à entretoisement / Abgespannter Kran / Наращиваемый кран

⌀ 2,0 m




| DTA (F2) H C/25 | 3XA32 | | 5XA72 | |
|---|---|---|---|---|
| A max<br>A min | 34,6<br>18,1 | | 51,4<br>29,4 | |
| B max<br>B min | - | 22,0<br>16,5 | - | 22,0<br>16,5 |
| C max | 35,6 | 35,6 | 35,6 | 35,6 |
| H max | 70,2 | 92,2 | 87,0 | 109,0 |

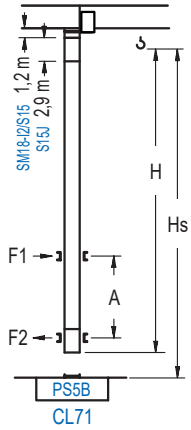
| STM (F2) H C/25 | 3XA32 | | 5XA72 | |
|---|---|---|---|---|
| A max<br>A min | 34,6<br>18,1 | | 51,4<br>29,4 | |
| B max<br>B min | - | 22,0<br>16,5 | - | 22,0<br>16,5 |
| C max | 34,6 | 34,6 | 34,6 | 34,6 |
| H max | 69,2 | 91,2 | 86,0 | 108,0 |

| DTA (F2) H C/25 | ES32 | | ES52 | | ES72 | |
|---|---|---|---|---|---|---|
| A max<br>A min | 33,1<br>16,6 | | 38,6<br>16,6 | | 49,6<br>27,6 | |
| B max<br>B min | - | 22,0<br>16,5 | - | 22,0<br>16,5 | - | 22,0<br>16,5 |
| C max | 35,6 | 35,6 | 35,6 | 35,6 | 35,6 | 35,6 |
| H max | 68,7 | 90,7 | 74,2 | 96,2 | 85,2 | 107,2 |

| STM (F2) H C/25 | ES32 | | ES52 | | ES72 | |
|---|---|---|---|---|---|---|
| A max<br>A min | 33,1<br>16,6 | | 38,6<br>16,6 | | 49,6<br>27,6 | |
| B max<br>B min | - | 22,0<br>16,5 | - | 22,0<br>16,5 | - | 22,0<br>16,5 |
| C max | 34,6 | 34,6 | 34,6 | 34,6 | 34,6 | 34,6 |
| H max | 67,7 | 89,7 | 73,2 | 95,2 | 84,2 | 106,2 |

## GRÚA TREPADORA / INTERNAL CLIMBING CRANE
Grue avec cage de télescopage intérieure / Kran mit klettern im Gebäude / Кран с самоподъемом

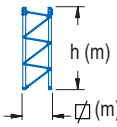
⌀ 1,6 m




| DTA (F2) H C/25 | Hs < 310 m | |
|---|---|---|
| | A max (m) | A min (m) |
| 49,7 m<br>S15J + 8x S15 + CLS15B-08 | 19,6 | 12,0 |
| 44,2 m<br>S15J + 7x S15 + CLS15B-08 | 16,8 | 10,0 |
| 38,7 m<br>S15J + 6x S15 + CLS15B-08 | 14,1 | 8,0 |

| STM (F2) H C/25 | Hs < 310 m | |
|---|---|---|
| | A max (m) | A min (m) |
| 48,7 m<br>S15J + 8x S15 + CLS15B-08 | 19,6 | 12,0 |
| 43,2 m<br>S15J + 7x S15 + CLS15B-08 | 16,8 | 10,0 |
| 37,7 m<br>S15J + 6x S15 + CLS15B-08 | 14,1 | 8,0 |

| DTA H F4 = F2 - 0,2 m |
|---|
| STM H F4 = F2 |

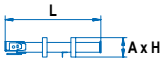
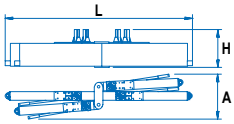
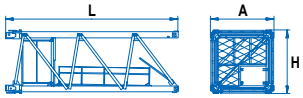



| Ref. | ⌀ | h |
|---|---|---|
| S15 | 1,6 | 5,5 |
| CLS15B-08 | 1,6 | 3,1 |

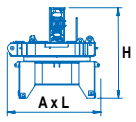
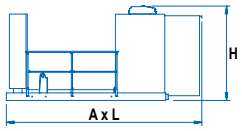
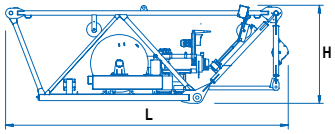
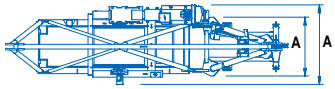
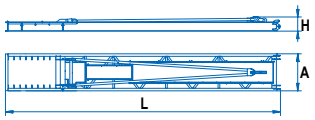
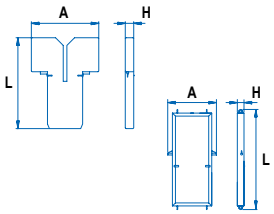
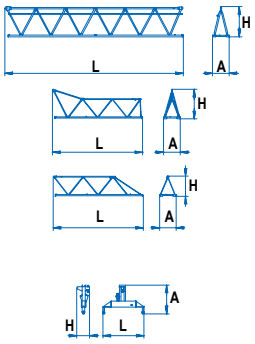
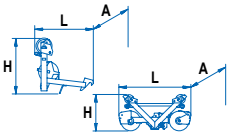
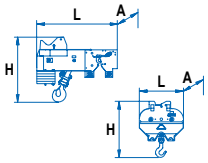
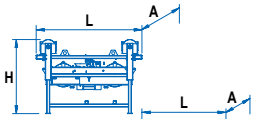
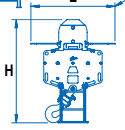
1x S15 = 1x S15M

Otras zonas de viento, alturas superiores, arriostramientos o trepado interno consultar / Other wind zones, additional hook heights, tie frames or internal climbing on request / Autres zones de vent, des hauteurs supplémentaires, entretoisements où grues avec cage de télescopage intérieure, sur demande / Andere Windzonen, weitere Hakenhöhen, Abspannungen zum Gebäude oder Klettern im Gebäude auf Anfrage / При других ветренных зонах, при бóльшой высоте, привязках к зданию или наращивании крана внутри здания проконсультируйтесь с нами

## PESOS Y DIMENSIONES / WEIGHTS AND MEASUREMENTS
Poids et dimensions / Gewichte und Abmessungen / Вес и размеры

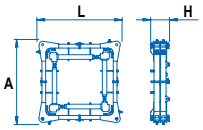
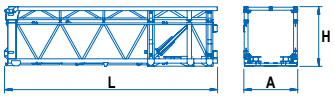
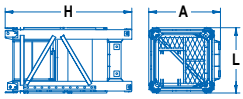
| | | | L (m) | A (m) | H (m) | (kg) |
|---|---|---|---|---|---|---|
| **Pie de empotramiento** / Fixing angles / Pattes de scellement / Fundamentanker / Анкера |   | PS3 | 1,55 | 0,40 | 0,40 | (4x) 120 |
| | | PS4 | 2,00 | 0,40 | 0,40 | (4x) 190 |
| | | PS5B | 2,10 | 0,40 | 0,40 | (4x) 240 |
| **Base en cruz** / Cross-base / Base en croix / Kreuzrahmen / Крестообразная Основа |   | 3XA_ | 6,55 | 1,00 | 1,55 | 6100 |
| | | 3XR_ | 6,55 | 1,00 | 1,55 | 8000 |
| | | 5XA_ | 9,00 | 1,80 | 2,00 | 11000 |
| | | 5XR_ | 9,00 | 1,80 | 2,00 | 17000 |
| | | 5XR_ | 9,00 | 1,80 | 2,00 | 17000 |
| **Lastre** / Base ballast / Lest de base / Ballast / Балласт |   | 5400 kg (3X) | 4,50 | 1,00 | 0,50 | 5400 |
| | | 6750 kg (5X) | 6,25 | 1,50 | 0,30 | 6750 |
| **Tramo de torre** / Mast section / Element de tour / Turmmodul / Секция башни |   | S15J | 3,15 | 1,95 | 1,95 | 1880 |
| | | S15 | 5,75 | 1,70 | 1,70 | 3200 |
| | | S15M | 5,74 | 1,70 | 1,70 | 3250 |
| | | S23J | 3,15 | 2,33 | 2,33 | 2040 |
| | | S23 | 5,75 | 2,10 | 2,10 | 2700 |
| | | S23M | 5,75 | 2,10 | 2,10 | 2700 |
| | | TS24 | 5,75 | 2,10 | 2,10 | 3000 |
| | | S24 | 5,75 | 2,10 | 2,10 | 3000 |
| | | TS25B | 5,75 | 2,10 | 2,10 | 3500 |
| | | S25B | 5,86 | 2,10 | 2,10 | 3550 |
| | | S25BM | 5,86 | 2,10 | 2,10 | 3550 |

## PESOS Y DIMENSIONES / WEIGHTS AND MEASUREMENTS
Poids et dimensions / Gewichte und Abmessungen / Вес и размеры

| | | | L (m) | A (m) | H (m) | (kg) |
|---|---|---|---|---|---|---|
| **Parte giratoria** / Slewing part / Partie giratoire / Drehbare Bühne / Опорно-поворотная часть |  | SM18-I2/S23 | 2,45 | 2,25 | 2,40 | 5740 |
| | | SM18-I2/S15 | 2,38 | 2,00 | 2,40 | 5250 |
| **Plataforma de cabina** / Cabin platform / Plateforme de cabine / Kabinenplattform / Платформа+кабина |  | plat. w./cabin | 5,20 | 2,10 | 2,50 | 2150 |
| **Cúspide-Contrapluma** / Cat head - Counterjib / Tête de tour - Contre flèche / Gegenausleger-Turmspitze / Секция оголовка-противовесной консоли |  | 1B657 | 7,35 | 1,54 | 2,55 | 2800 |
| **Mecanismo elevación** / Hoisting winch / Treuil de levage / Hubwerk / Грузовая лебёдка, грузопоДъёмная лебёдка, лебёдка подъёмника |  | EFU4-24-20 | -- | 1,80 | -- | 1200 |
| | | EFU4-37-20 | -- | 1,90 | -- | 1800 |
| | * Sin incluir cable de elevación / Excluding hoisting rope / Sans inclure câble elévation / Hubseil ist nicht beinhaltet / Без учета грузового каната | | | | | |
| **Tramo de contrapluma** / Counterjib section / Element de contreflèche / Gegenauslegermodul / Секция противовесной консоли |  | 1B159 | 9,30 | 1,80 | 0,86 | 3060 |
| **Contrapeso** / Counterweight / Contrepoids / Gegengewicht Block / Противовес |  | 2200 kg | 2,64 | 2,20 | 0,24 | 2200 |
| | | 1400 kg | 1,72 | 2,20 | 0,24 | 1400 |
| | | 800 kg | 1,02 | 2,20 | 0,24 | 800 |
| | | 2200 kg | 3,31 | 1,61 | 0,24 | 2200 |
| | | 1400 kg | 2,14 | 1,61 | 0,24 | 1400 |
| | | 800 kg | 1,27 | 1,61 | 0,24 | 800 |
| **Tramo de pluma** / Jib section / Element de flèche / Auslegermodul / Секция стрелы |  | 1A525 | 5,33 | 1,20 | 2,43 | 1750 |
| | | 1A510 | 10,25 | 1,20 | 2,40 | 2040 |
| | | 1A410 | 10,25 | 1,20 | 2,30 | 1800 |
| | | 1A340 | 10,25 | 1,20 | 1,80 | 1420 |
| | | 1A330 | 10,25 | 1,20 | 1,80 | 1000 |
| | | 1A335 | 5,12 | 1,20 | 1,73 | 370 |
| | | 1A320 | 10,25 | 1,20 | 1,80 | 700 |
| | | 1A215 | 5,20 | 1,20 | 1,70 | 270 |
| | | 1A115 | 5,20 | 1,20 | 1,30 | 125 |
| | | 1A01 | 0,95 | 1,35 | 0,45 | 110 |
| **Carro** / Trolley / Chariot / Laufkatze / Тележка |  | DTA 8 t | | | | |
| | | TLCT08 | 0,96 | 1,49 | 0,90 | 110 |
| | | TLCJ04 | 1,12 | 1,50 | 0,80 | 130 |
| **Gancho** / Hook / Croche / Haken / Крюка |  | DTA 8 t | | | | |
| | | GAT08.0 | 1,40 | 0,45 | 1,10 | 300 |
| | | GAJ04.0 | 0,75 | 0,40 | 0,80 | 200 |
| **Carro** / Trolley / Chariot / Laufkatze / Тележка |  | STM 8 t | TLC08 | 1,43 | 1,64 | 1,10 | 220 |
| **Gancho** / Hook / Croche / Haken / Крюка |  | STM 8 t | GA08.0 | 1,20 | 0,43 | 1,53 | 280 |

1800 Series

## PESOS Y DIMENSIONES / WEIGHTS AND MEASUREMENTS
Poids et dimensions / Gewichte und Abmessungen / Вес и размеры

| | | | L (m) | A (m) | H (m) | (kg) |
|---|---|---|---|---|---|---|
| **Marco arriostramiento** / Tie frame / Cadre / Abspannrahmen / Внутренняя рама |  | MA2-S5 | 2,56 | 2,56 | 0,51 | 1500 |
| **Tramo trepador** / Climbing section / Element de télescopage / Klettermodul / Секция самоподъема/Обойма |  | J2A-10 | 10,10 | 2,60 | 2,40 | 12600 |
| **Trepado interno** / Internal climbing / Cage de télescopage intérieure / Klettern im Gebäude / Наращивание крана внутри здания |  | CLS15B-08<br>Accesories | 1,75<br>-- | 1,90<br>-- | 3,30<br>-- | 2400<br>6700 |

## TRANSPORTE APROXIMADO EN: / APPROXIMATE TRANSPORT IN:
Colisage approximatif en: / Transport in circa: / Приблизительная транспортировка в:




**Versión**
Set-up
Version
Turmversion
Версия

ES72

6x TRUCK

7x 40 HC

1800 Series

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DS.2637.06 09/26 **18LC185 8 t**

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