TEREX®

MAXIM Crane Works, L.P.
1-877-MAX-LIFT

SK 415-20

# HAMMERHEAD TOWER CRANE

**Specifications:**

- Max jib length: 262.4 ft
- Capacity at max length: 5,070 lbs
- Max capacity: 44,090 lbs

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# KEY

## Zeichenerklärung · Légende · Leyenda · Legenda

| | |
|---|---|
| | Hoisting · Heben · Levage · Elevación · Sollevamento |
| | Trolleying · Katzfahren · Distribution · Distribución · Traslazione carrello |
| | Slewing · Schwenken ·Orientation · Orientació · Rotazione |
| | Travelling · Schienenfahren · Translation · Traslación · Traslazione |
| | Directive on noise level · Richtlinie für den Schall-Leistungspegel · Directive sur le niveau acoustique · Directiva sobre el nivel acustico · Direttiva sul livello acustico |
| | Consult us · Auf Anfrage · Nous consulter · Consultarnos · Consultateci |
| | Power requirements · Geforderte Stromstärke · Puissance totale nécessaire · Potencia necesaria · Potenza totale richiesta |
| | Power supply · Stromversorgung · Alimentation · Alimentación · Alimentazione |
| ● | In service · In Betrieb · En service · En servicio · In servizio |
| | Out of service · Außer Betrieb · Hors service · Fuera de servicio · Fuori servizio |
| **H** | Max. under hook height · Höchste Hakenhöhe · Hauteur maxi. sous crochet · Maxima altura bajo gancho · Altezza max. sotto gancio |
| | Without load, without ballast, max. jib and max. height · Ohne Last und Ballast, mit Maximalausleger und Maximalhöhe · A vide, sans lest, avec flèche et hauteur maximum · Sin carga, sin lastre, con pluma y altura máxima · A vuoto, senza zavorra, braccio max., altezza max. |
| | Counterweight · Gegengewicht · Lest de contre-flèche · Lastre de contra flecha · Zavorra controbraccio |
| **C25** | FEM 1004 Out of service wind condition · FEM 1004 Windverhältnisse im Außerbetriebszustand · FEM 1004 Conditions de vent hors service · FEM 1004 Condiciones de viento fuera de servicio · FEM 1004 Condizioni del vento in fuori servizio |

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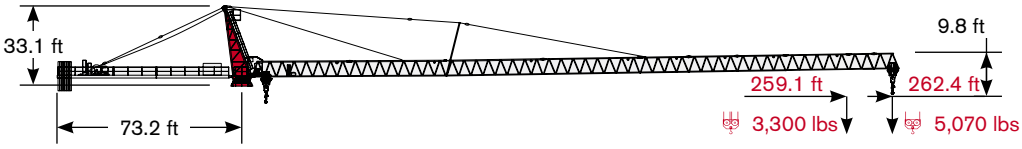
# LOAD DIAGRAM

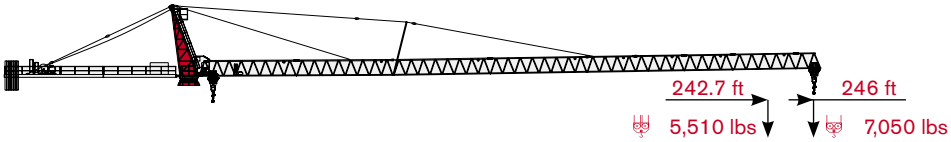
## Lastkurven · Courbes de charges · Curvas de cargas · Diagramma di portata

| | BG (6,835 lbs) |
|---|---|
| SR WB 76-100/4F | 8 |
| SR WB 122-125/4F | 8 |



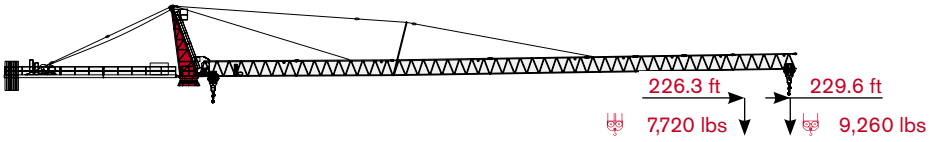

| | | | 65.6 ft | 82 ft | 98.4 ft | 114.8 ft | 131.2 ft | 147.6 ft | 164.0 ft | 180.4 ft | 196.8 ft | 213.2 ft | 229.6 ft | 246.0 ft | 259.1 ft | 262.4 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22,040 lbs→ | 89.6 ft | lbs | 22,040 | 22,040 | 19,670 | 16,260 | 13,730 | 11,780 | 10,230 | 8,970 | 7,930 | 7,040 | 6,290 | 5,640 | 5,180 | 5,070 |
| 44,090 lbs→ | 49.5 ft | lbs | 31,130 | 23,400 | 18,360 | 14,820 | 12,190 | 10,170 | 8,560 | 7,240 | 6,160 | 5,240 | 4,460 | 3,780 | 3,300 | |

| | BG (6,835 lbs) |
|---|---|
| SR WB 76-100/4F | 8 |
| SR WB 122-125/4F | 8 |



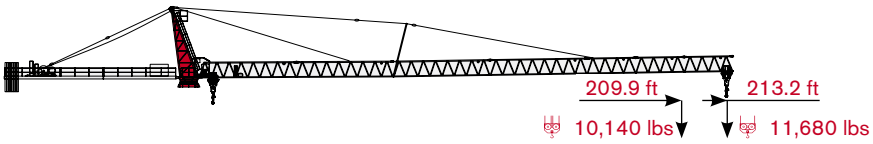

| | | | 65.6 ft | 82 ft | 98.4 ft | 114.8 ft | 131.2 ft | 147.6 ft | 164.0 ft | 180.4 ft | 196.8 ft | 213.2 ft | 229.6 ft | 242.7 ft | 246.0 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22,040 lbs→ | 103 ft | lbs | 22,040 | 22,040 | 22,040 | 19,350 | 16,400 | 14,170 | 12,370 | 10,910 | 9,700 | 8,680 | 7,810 | 7,190 | 7,050 |
| 44,090 lbs→ | 57.2 ft | lbs | 37,340 | 28,300 | 22,410 | 18,270 | 15,190 | 12,820 | 10,940 | 9,410 | 8,140 | 7,070 | 6,150 | 5,510 | |

| | BG (6,835 lbs) |
|---|---|
| SR WB 76-100/4F | 8 |
| SR WB 122-125/4F | 8 |



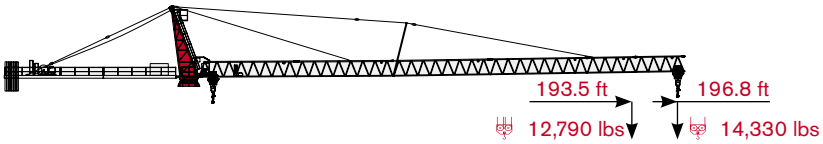

| | | | 65.6 ft | 82 ft | 98.4 ft | 114.8 ft | 131.2 ft | 147.6 ft | 164.0 ft | 180.4 ft | 196.8 ft | 213.2 ft | 226.3 ft | 229.6 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22,040 lbs→ | 115.9 ft | lbs | 22,040 | 22,040 | 22,040 | 22,040 | 19,000 | 16,450 | 14,420 | 12,770 | 11,400 | 10,240 | 9,440 | 9,260 |
| 44,090 lbs→ | 63.4 ft | lbs | 42,390 | 32,280 | 25,700 | 21,070 | 17,630 | 14,980 | 12,880 | 11,170 | 9,750 | 8,550 | 7,720 | |

| | BG (6,835 lbs) |
|---|---|
| SR WB 76-100/4F | 8 |
| SR WB 122-125/4F | 8 |




| | | | 65.6 ft | 82 ft | 98.4 ft | 114.8 ft | 131.2 ft | 147.6 ft | 164.0 ft | 180.4 ft | 196.8 ft | 209.9 ft | 213.2 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22,040 lbs→ | 127.8 ft | lbs | 22,040 | 22,040 | 22,040 | 22,040 | 21,300 | 18,550 | 16,300 | 14,480 | 12,960 | 11,920 | 11,680 |
| 44,090 lbs→ | 69.1 ft | lbs | 44,090 | 35,900 | 28,690 | 23,610 | 19,850 | 16,950 | 14,640 | 12,760 | 11,210 | 10,140 | |

| | BG (6,835 lbs) |
|---|---|
| SR WB 76-100/4F | 8 |
| SR WB 122-125/4F | 8 |




| | | | 65.6 ft | 82 ft | 98.4 ft | 114.8 ft | 131.2 ft | 147.6 ft | 164.0 ft | 180.4 ft | 193.5 ft | 196.8 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22,040 lbs→ | 138.2 ft | lbs | 22,040 | 22,040 | 22,040 | 22,040 | 22,040 | 20,380 | 17,950 | 15,970 | 14,630 | 14,330 |
| 44,090 lbs→ | 74 ft | lbs | 44,090 | 39,050 | 31,280 | 25,820 | 21,770 | 18,650 | 16,170 | 14,150 | 12,790 | |

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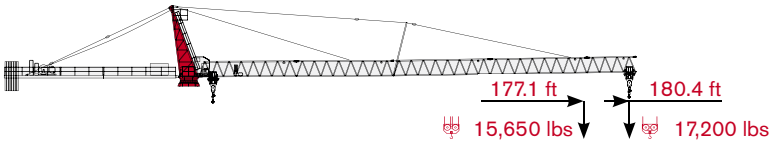
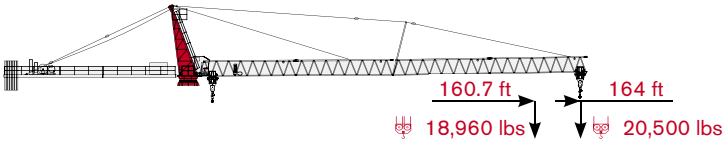
| | BG (6,835 lbs) |
|---|---|
| SR WB 76-100/4F | 7 |
| SR WB 122-125/4F | 7 |



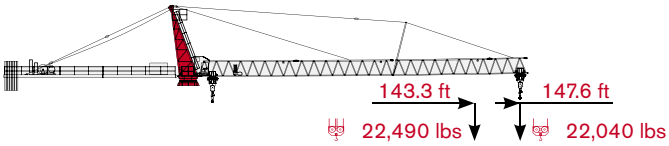

| | | | 65.6 ft | 82 ft | 98.4 ft | 114.8 ft | 131.2 ft | 147.6 ft | 164.0 ft | 177.1 ft | 180.4 ft |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 22,040 lbs→ | 146.7 ft | lbs | 22,040 | 22,040 | 22,040 | 22,040 | 22,040 | 21,890 | 19,300 | 17,590 | 17,200 |
| 44,090 lbs→ | 78 ft | lbs | 44,090 | 41,560 | 33,360 | 27,590 | 23,310 | 20,010 | 17,390 | 15,650 | |

| | BG (6,835 lbs) |
|---|---|
| SR WB 76-100/4F | 7 |
| SR WB 122-125/4F | 7 |



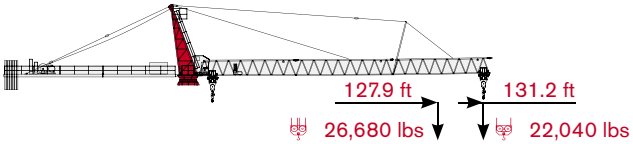

| | | | 65.6 ft | 82 ft | 98.4 ft | 114.8 ft | 131.2 ft | 147.6 ft | 160.7 ft | 164.0 ft |
|---|---|---|---|---|---|---|---|---|---|---|
| 22,040 lbs→ | 154.2 ft | lbs | 22,040 | 22,040 | 22,040 | 22,040 | 22,040 | 22,040 | 21,000 | 20,500 |
| 44,090 lbs→ | 81.4 ft | lbs | 44,090 | 43,750 | 35,160 | 29,130 | 24,650 | 21,200 | 18,960 | |

| | BG (6,835 lbs) |
|---|---|
| SR WB 76-100/4F | 7 |
| SR WB 122-125/4F | 7 |



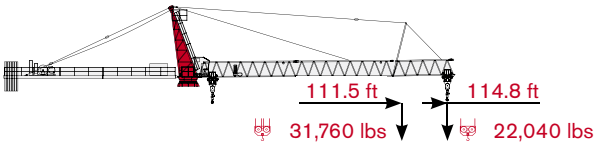

| | | | 65.6 ft | 82 ft | 98.4 ft | 114.8 ft | 131.2 ft | 144.3 ft | 147.6 ft |
|---|---|---|---|---|---|---|---|---|---|
| 22,040 lbs→ | 147.6 ft | lbs | 22,040 | 22,040 | 22,040 | 22,040 | 22,040 | 22,040 | 22,040 |
| 44,090 lbs→ | 83.3 ft | lbs | 44,090 | 44,090 | 36,150 | 29,970 | 25,380 | 22,490 | |

| | BG (6,835 lbs) |
|---|---|
| SR WB 76-100/4F | 6 |
| SR WB 122-125/4F | 6 |




| | | | 65.6 ft | 82 ft | 98.4 ft | 114.8 ft | 127.9 ft | 131.2 ft |
|---|---|---|---|---|---|---|---|---|
| 22,040 lbs→ | 131.2 ft | lbs | 22,040 | 22,040 | 22,040 | 22,040 | 22,040 | 22,040 |
| 44,090 lbs→ | 84.5 ft | lbs | 44,090 | 44,090 | 36,780 | 30,500 | 26,680 | |

| | BG (6,835 lbs) |
|---|---|
| SR WB 76-100/4F | 6 |
| SR WB 122-125/4F | 6 |




| | | | 65.6 ft | 82 ft | 98.4 ft | 111.5 ft | 114.8 ft |
|---|---|---|---|---|---|---|---|
| 22,040 lbs→ | 114.8 ft | lbs | 22,040 | 22,040 | 22,040 | 22,040 | 22,040 |
| 44,090 lbs→ | 84.8 ft | lbs | 44,090 | 44,090 | 36,950 | 31,760 | |

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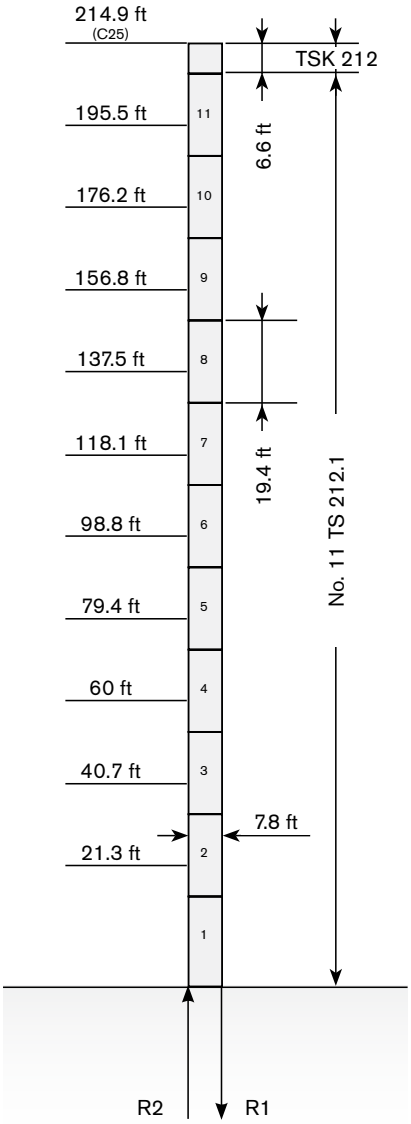
# TOWER

## Turm · Tour · Torre · Torre

## Standard Configurations · Standardkonfiguration · Standard Implantations · Implantaciones Standard · Installazioni Standard

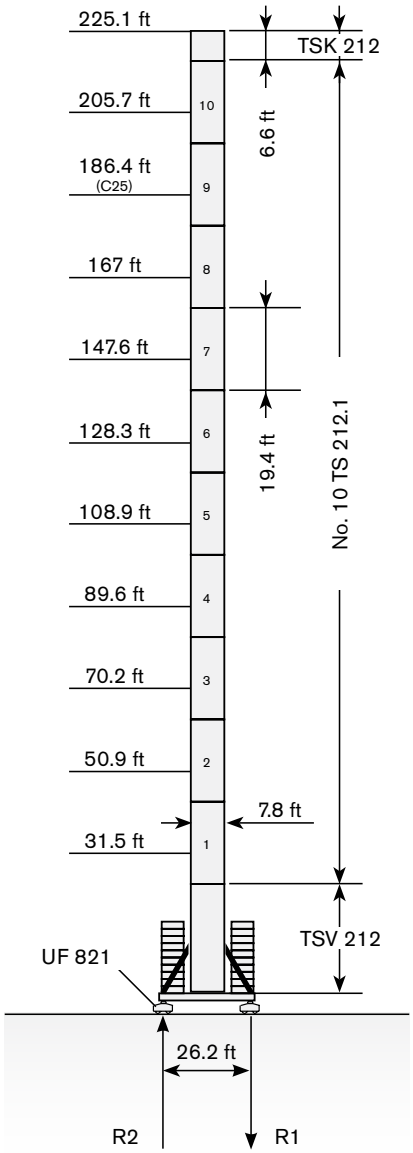
**Basement: A**

| | ● | ⬍ |
|---|---|---|
| R1 | -2655 kN | -2755 kN |
| R2 | 1992 kN | 2186 kN |
| | 890 kN | |



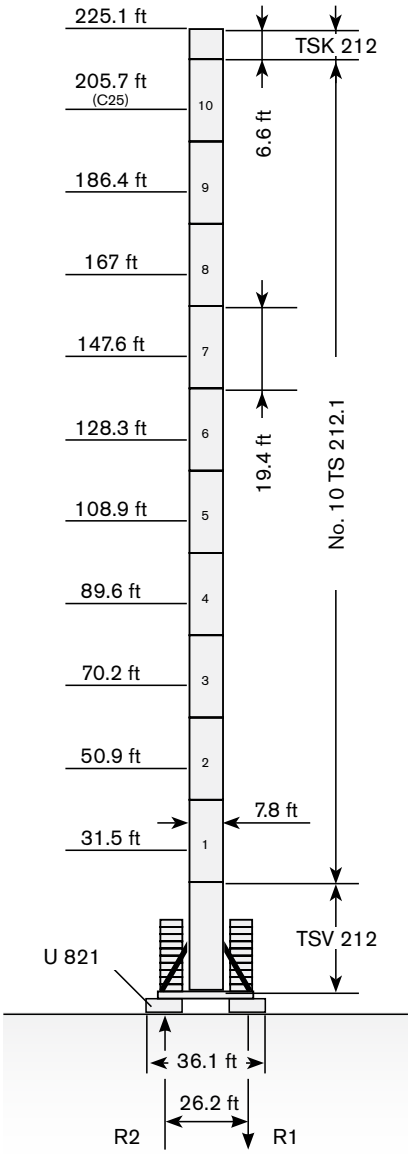

**Basement: E**

| | ● | ⬍ |
|---|---|---|
| R1 | -1121 kN | -1099 kN |
| R2 | 0 kN | -51 kN |
| | 978 kN | |




**Basement: F**

| | ● | ⬍ |
|---|---|---|
| R1 | 1099 kN | -1113 kN |
| R2 | 0 kN | -18 kN |
| | 978 kN | |




Max. under hook height • Höchste Hakenhöhe • Hauteur maxi. sous crochet • Maxima altura bajo gancho • Altezza max. sotto gancio

Different heights and tower combinations are available; please consult us • Andere Höhen und Turmkombinationen auf Anfrage • Différentes hauteurs et combinaisons de tour sont disponibles; nous consulter • Hay diferentes alturas y combinaciones de torre disponibles. Consúltenos • Altezze diverse e combinazioni di torre sono disponibili; consultateci

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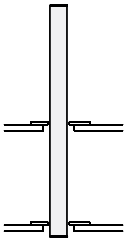
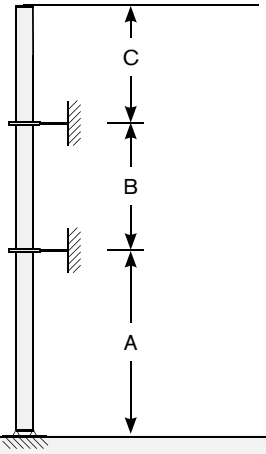
# Other configurations · Aufstellmöglichkeiten · Autres Implantations · Otras Implantaciones · Altre Installazioni

**Bottom climbing crane · Kletterkran im Gebäude · Télescopage sur dalles · Telescopage grúa trepadora · Gru climbing**



Consult us · Auf Anfrage · Nous consulter · Consultarnos · Consultateci

**Crane tied to the structure · Geankerter Kran · Grue ancrée · Grúa anclada · Gru ancorata**




| | min | max |
|---|---|---|
| A | 68.5 ft | 168.3 ft |
| B | 48.4 ft | 117.8 ft |
| C | 165.5 ft | |

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# MECHANISMS

## Antriebe · Mécanismes · Mecanismos · Meccanismi

## Power supply · Stromversorgung · Alimentation · Suministro eléctrico · Alimentazione

| | | | |
|---|---|---|---|
| | SR WB 76-100/4F | 200 kVA | 440V - 480V - 60Hz / 3 ph |
| | SR WB 122-125/4F | 245 kVA | 440V - 480V - 60Hz / 3 ph |

## Hoisting · Heben · Levage · Elevación · Sollevamento

| | | | lbs | ft/min | kW | |
|---|---|---|---|---|---|---|
| | SR WB 76-100/4F | | 5,512 | 0 → 440 | 76 | 1,700 ft |
| | | | 9,259 | 0 → 275 | | |
| | | | 15,653 | 0 → 177 | | |
| | | | 22,046 | 0 → 110 | | |
| | | | 11,023 | 0 → 220 | | |
| | | | 18,519 | 0 → 138 | | |
| | | | 31,306 | 0 → 89 | | |
| | | | 44,092 | 0 → 55 | | |
| | SR WB 122-125/4F | | 6,173 | 0 → 525 | 122 | 2,400 ft |
| | | | 10,582 | 0 → 328.1 | | |
| | | | 17,637 | 0 → 206.7 | | |
| | | | 22,046 | 0 → 131.2 | | |
| | | | 12,346 | 0 → 262.5 | | |
| | | | 21,164 | 0 → 196.9 | | |
| | | | 35,274 | 0 → 101.7 | | |
| | | | 44,092 | 0 → 65.6 | | |

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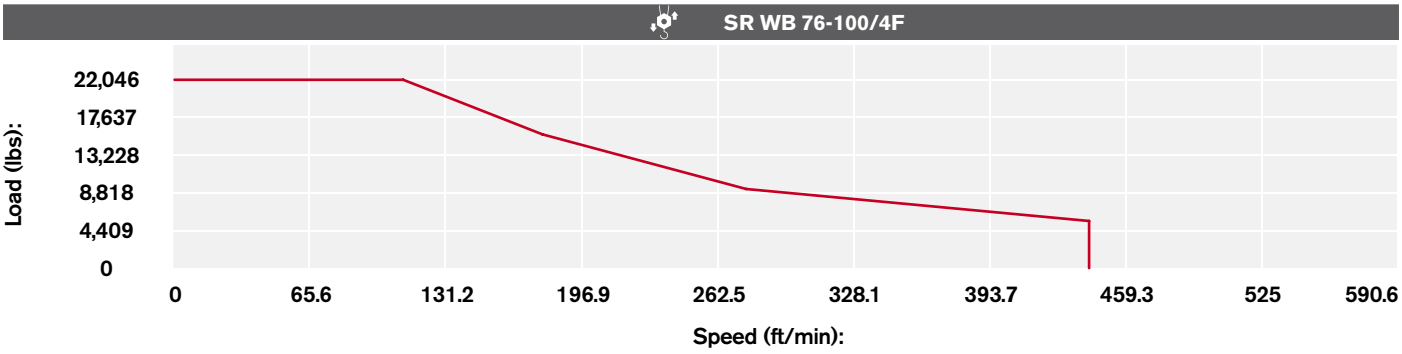
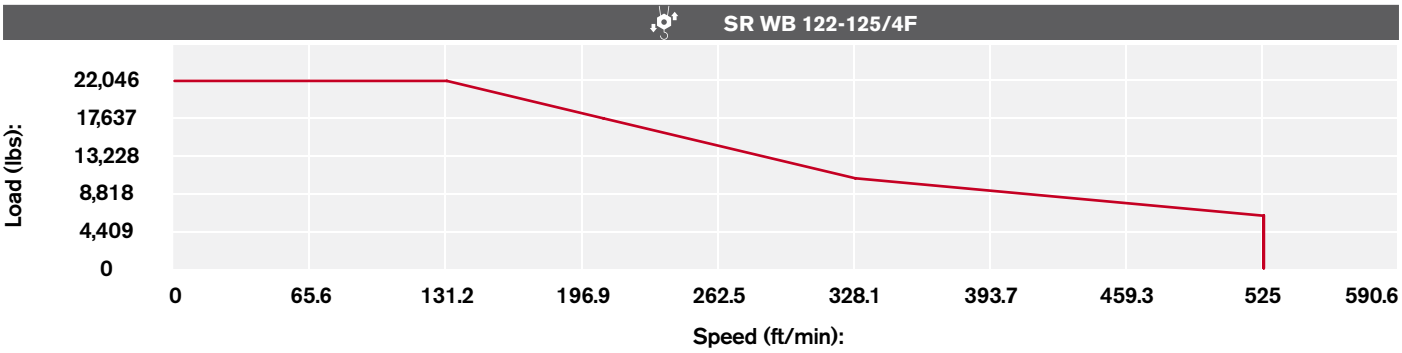
## Hoisting Speed · Heben Geschwindigkeit · Vitesse de Levage · Velocidad de Elevación · Velocità' di Sollevamento




## Additional Specifications · Weitere Leistungsdaten · Spécifications additionnelles · Otras prestaciones · Altre movimentazioni

| | | | |
|---|---|---|---|
| | FU 9-200/4 | 0 → 252.6 ft/min | 1 x 14.2 HP |
| | K WB 120/4 | 0 → 0.9 rpm | 2 x 11 HP (114.8 ft - 180.5 ft)<br>3 x 11 HP (196.9 ft - 246.1 ft) |
| | SR 10-190/4 | 0 → 100 ft/min | 4 x 11.9 HP |

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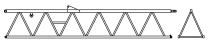
# TRANSPORTATION

## Transport · Transport · Conducción · Trasporto

## Packing list

| SK 415-20 | DESCRIPTION · BESCHREIBUNG · DESCRIPTION · DESCRIPCIÓN · DESCRIZIONE | LENGTH · LÄNGE · LONGUEUR · LONGITUD · LUNGHEZZA | WIDTH · BREITE · LARGEUR · ANCHURA · LARGHEZZA | HEIGHT · HÖHE · HAUTEUR · ALTURA · ALTEZZA | WEIGHT · GEWICHT · POIDS · PESO · PESO |
|---|---|---|---|---|---|
| | U821 Base Cross for TS212 & 212.1 Tower | 34.6 ft | 9.1 ft | 2.8 ft | 17,108 lbs |
| | TSV 212.1 Tower Section for U821 cross | 31.2 ft | 9.8 ft | 10 ft | 20,503 lbs |
| | 213.1 Tower Section | 19.5 ft | 8 ft | 8 ft | 9,950 lbs |
| | TSU 213.1 /212.1 Transition Section | 19.5 ft | 8 ft | 8 ft | 9,750 lbs |
| | 212.1 Tower Section | 19.5 ft | 8 ft | 8 ft | 9,304 lbs |
| | TSK 212 Tower Section | 8 ft | 9.8 ft | 6.7 ft | 6,173 lbs |
| | Turntable Complete w/cabin and 3 swing motors | 17.2 ft | 14.2 ft | 12.3 ft | 27,602 lbs |
| | Towertop w / catwalk and ladder | 27.1 ft | 6.6 ft | 6.6 ft | 9,612 lbs |
| | WB 76 Machinery Deck w/o wire rope | 9.2 ft | 8.4 ft | 5.6 ft | 7,120 lbs |
| | WB 122 Machinery Deck w/o wire rope | 9.3 ft | 8.8 ft | 5.7 ft | 9,100 lbs |
| | WB 76 Counterjib complete less wire rope | 69.9 ft | 9.2 ft | 6.6 ft | 26,500 lbs |
| | WB 122 Counterjib complete less wire rope | 69.9 ft | 9.2 ft | 6.6 ft | 28,480 lbs |
| | Jib Section No. 1 w / Trolley machinery | 38.9 ft | 6.6 ft | 7.2 ft | 6,636 lbs |
|  | Jib Section No. 2 | 40.5 ft | 6.6 ft | 7.2 ft | 5,181 lbs |

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# TRANSPORTATION

## Transport · Transport · Conducción · Trasporto

**SK 415-20**

| SK 415-20 | DESCRIPTION · BESCHREIBUNG · DESCRIPTION · DESCRIPCIÓN · DESCRIZIONE | LENGTH · LÄNGE · LONGUEUR · LONGITUD · LUNGHEZZA | WIDTH · BREITE · LARGEUR · ANCHURA · LARGHEZZA | HEIGHT · HÖHE · HAUTEUR · ALTURA · ALTEZZA | WEIGHT · GEWICHT · POIDS · PESO · PESO |
|---|---|---|---|---|---|
| | Outer Jib Support "A" Frame | 21.6 ft | 5.4 ft | 4.7 ft | 661 lbs |
| | Jib Section No. 3 | 38.8 ft | 6.6 ft | 7.6 ft | 4,762 lbs |
| | Jib Section No. 4 | 18.7 ft | 6.6 ft | 6.3 ft | 2,006 lbs |
| | Jib Section No. 5 | 35 ft | 6.6 ft | 6.9 ft | 4,012 lbs |
| | Jib Section No. 6 | 35.4 ft | 6.6 ft | 6.3 ft | 2,998 lbs |
| | Jib Section No. 7 | 33.5 ft | 6.6 ft | 6.3 ft | 2,161 lbs |
| | Jib Section No. 8 | 17.1 ft | 6.6 ft | 6.2 ft | 1,764 lbs |
| | Jib Section No. 9 | 18.9 ft | 6.6 ft | 6.3 ft | 1,874 lbs |
| | Jib Tip Section | 4.5 ft | 6.7 ft | 4.5 ft | 860 lbs |
| | Single (outer) Trolley for 2-Part Line | 7.3 ft | 5.7 ft | 6 ft | 1,764 lbs |
| | Single Load Block for 2-Part Line | 2.8 ft | 1 ft | 4.5 ft | 1,190 lbs |
| | Double Trolley for 4-Part Line | 14.7 ft | 5.7 ft | 6 ft | 3,417 lbs |
| | Dual Load Block for 4-Part Line | 5.5 ft | 1 ft | 4.5 ft | 2,403 lbs |
| | BG Counterweight | 14.7 ft | 0.5 ft | 5.1 ft | 6,835 lbs |
| | TS 212 Foundation anchor | 2.0 ft | 2.0 ft | 3.3 ft | 660 lbs |

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## www.terexcranes.com

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SK 415-20

# HAMMERHEAD TOWER CRANE

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**Specifications:**

- Max jib length: 80,00 m
- Capacity at max length: 2,30 t
- Max capacity: 20,00 t

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# KEY

## Zeichenerklärung · Légende · Leyenda · Legenda

| | |
|---|---|
| | Hoisting · Heben · Levage · Elevación · Sollevamento |
| | Trolleying · Katzfahren · Distribution · Distribución · Traslazione carrello |
| | Slewing · Schwenken ·Orientation · Orientació · Rotazione |
| | Travelling · Schienenfahren · Translation · Traslación · Traslazione |
| | Directive on noise level · Richtlinie für den Schall-Leistungspegel · Directive sur le niveau acoustique · Directiva sobre el nivel acustico · Direttiva sul livello acustico |
| | Consult us · Auf Anfrage · Nous consulter · Consultarnos · Consultateci |
| | Power requirements · Geforderte Stromstärke · Puissance totale nécessaire · Potencia necesaria · Potenza totale richiesta |
| | Power supply · Stromversorgung · Alimentation · Alimentación · Alimentazione |
| ● | In service · In Betrieb · En service · En servicio · In servizio |
| | Out of service · Außer Betrieb · Hors service · Fuera de servicio · Fuori servizio |
| **H** | Max. under hook height · Höchste Hakenhöhe · Hauteur maxi. sous crochet · Maxima altura bajo gancho · Altezza max. sotto gancio |
| | Without load, without ballast, max. jib and max. height · Ohne Last und Ballast, mit Maximalausleger und Maximalhöhe · A vide, sans lest, avec flèche et hauteur maximum · Sin carga, sin lastre, con pluma y altura máxima · A vuoto, senza zavorra, braccio max., altezza max. |
| | Counterweight · Gegengewicht · Lest de contre-flèche · Lastre de contra flecha · Zavorra controbraccio |
| **C25** | FEM 1004 Out of service wind condition · FEM 1004 Windverhältnisse im Außerbetriebszustand · FEM 1004 Conditions de vent hors service · FEM 1004 Condiciones de viento fuera de servicio · FEM 1004 Condizioni del vento in fuori servizio |

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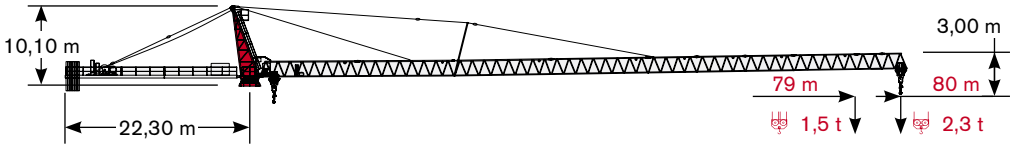
# LOAD DIAGRAM

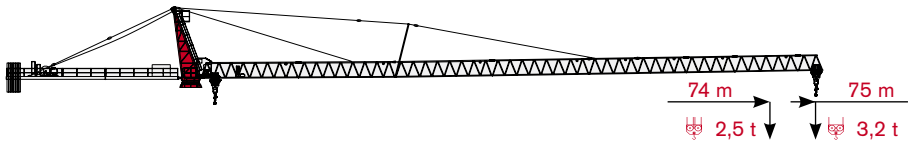
## Lastkurven · Courbes de charges · Curvas de cargas · Diagramma di portata

| | BG (3,10 t) |
|---|---|
| SR WB 66-100/4F | 8 |
| SR WB 102-100/4F | 8 |



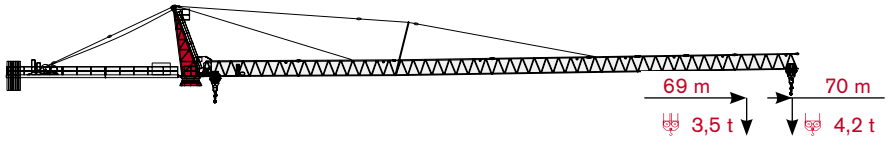

| | | | 20 m | 25 m | 30 m | 35 m | 40 m | 45 m | 50 m | 55 m | 60 m | 65 m | 70 m | 75 m | 79 m | 80 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 t → | 27,30 m | t | 10,00 | 10,00 | 8,90 | 7,30 | 6,20 | 5,30 | 4,60 | 4,00 | 3,50 | 3,10 | 2,80 | 2,50 | | 2,30 |
| 20 t → | 15,10 m | t | 14,10 | 10,60 | 8,30 | 6,70 | 5,50 | 4,60 | 3,80 | 3,20 | 2,70 | 2,30 | 2,00 | 1,70 | 1,50 | |

| | BG (3,10 t) |
|---|---|
| SR WB 66-100/4F | 8 |
| SR WB 102-100/4F | 8 |



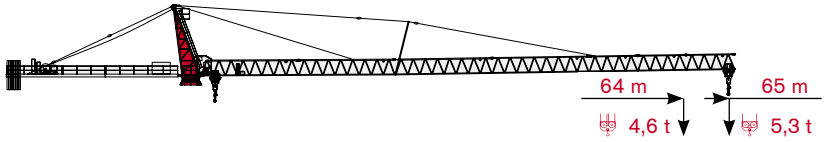

| | | | 20 m | 25 m | 30 m | 35 m | 40 m | 45 m | 50 m | 55 m | 60 m | 65 m | 70 m | 74 m | 75 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 t → | 31,60 m | t | 10,00 | 10,00 | 10,00 | 8,90 | 7,60 | 6,50 | 5,70 | 5,00 | 4,40 | 3,90 | 3,50 | | 3,20 |
| 20 t → | 17,60 m | t | 17,00 | 12,90 | 10,20 | 8,30 | 6,900 | 5,90 | 5,00 | 4,30 | 3,70 | 3,20 | 2,80 | 2,50 | |

| | BG (3,10 t) |
|---|---|
| SR WB 66-100/4F | 8 |
| SR WB 102-100/4F | 8 |



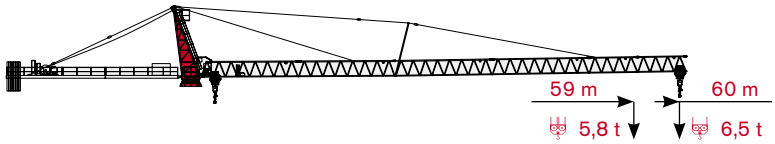

| | | | 20 m | 25 m | 30 m | 35 m | 40 m | 45 m | 50 m | 55 m | 60 m | 65 m | 69 m | 70 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 t → | 35,60 m | t | 10,00 | 10,00 | 10,00 | 10,00 | 8,70 | 7,50 | 6,60 | 5,80 | 5,20 | 4,70 | | 4,20 |
| 20 t → | 19,40 m | t | 19,20 | 14,60 | 11,70 | 9,60 | 8,00 | 6,80 | 5,90 | 5,10 | 4,40 | 3,90 | 3,50 | |

| | BG (3,10 t) |
|---|---|
| SR WB 66-100/4F | 8 |
| SR WB 102-100/4F | 8 |




| | | | 20 m | 25 m | 30 m | 35 m | 40 m | 45 m | 50 m | 55 m | 60 m | 64 m | 65 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 t → | 39,20 m | t | 10,00 | 10,00 | 10,00 | 10,00 | 9,80 | 8,50 | 7,40 | 6,60 | 5,90 | | 5,30 |
| 20 t → | 21,20 m | t | 20,00 | 16,30 | 13,00 | 10,70 | 9,00 | 7,70 | 6,70 | 5,80 | 5,10 | 4,60 | |

| | BG (3,10 t) |
|---|---|
| SR WB 66-100/4F | 8 |
| SR WB 102-100/4F | 8 |




| | | | 20 m | 25 m | 30 m | 35 m | 40 m | 45 m | 50 m | 55 m | 59 m | 60 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 t → | 42,40 m | t | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 9,30 | 8,20 | 7,30 | | 6,50 |
| 20 t → | 22,70 m | t | 20,00 | 17,70 | 14,20 | 11,70 | 9,90 | 8,50 | 7,30 | 6,60 | 5,80 | |

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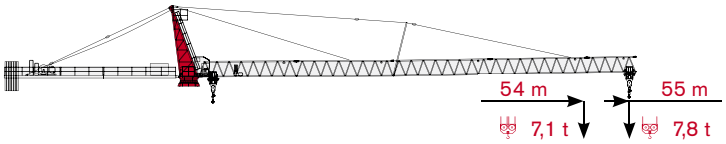
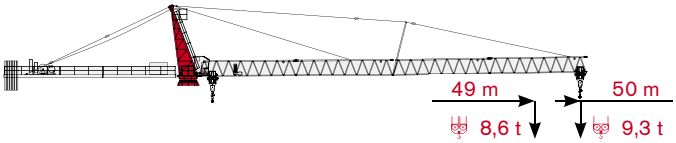
| | BG (3,10 t) |
|---|---|
| SR WB 66-100/4F | 7 |
| SR WB 102-100/4F | 7 |



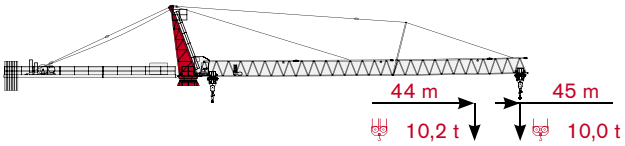

| | | | 20 m | 25 m | 30 m | 35 m | 40 m | 45 m | 50 m | 54 m | 55 m |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 t → | 45,00 m | t | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 8,80 | | 7,80 |
| 20 t → | 24,00 m | t | 20,00 | 18,80 | 15,1 | 12,50 | 10,60 | 9,10 | 7,90 | 7,10 | |

| | BG (3,10 t) |
|---|---|
| SR WB 66-100/4F | 7 |
| SR WB 102-100/4F | 7 |



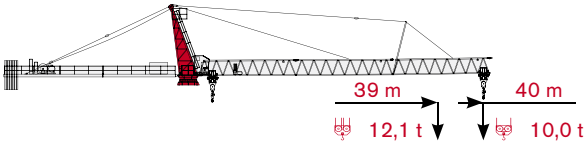

| | | | 20 m | 25 m | 30 m | 35 m | 40 m | 45 m | 49 m | 50 m |
|---|---|---|---|---|---|---|---|---|---|---|
| 10 t → | 47,30 m | t | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | | 9,30 |
| 20 t → | 25,10 m | t | 20,00 | 20,00 | 16,00 | 13,20 | 11,20 | 9,60 | 8,60 | |

| | BG (3,10 t) |
|---|---|
| SR WB 66-100/4F | 7 |
| SR WB 102-100/4F | 7 |



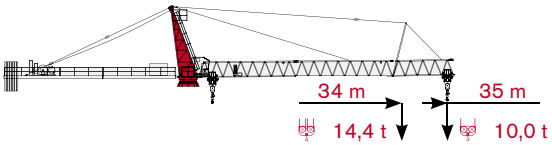

| | | | 20 m | 25 m | 30 m | 35 m | 40 m | 44 m | 45 m |
|---|---|---|---|---|---|---|---|---|---|
| 10 t → | 45,00 m | t | 10,00 | 10,00 | 10,00 | 10,00 | 10,00 | | 10,00 |
| 20 t → | 25,60 m | t | 20,00 | 20,00 | 16,40 | 13,60 | 11,50 | 10,20 | |

| | BG (3,10 t) |
|---|---|
| SR WB 66-100/4F | 6 |
| SR WB 102-100/4F | 6 |




| | | | 20 m | 25 m | 30 m | 35 m | 39 m | 40 m |
|---|---|---|---|---|---|---|---|---|
| 10 t → | 40,00 m | t | 10,00 | 10,00 | 10,00 | 10,00 | | 10,00 |
| 20 t → | 26,00 m | t | 20,00 | 20,00 | 16,60 | 13,80 | 12,10 | |

| | BG (3,10 t) |
|---|---|
| SR WB 66-100/4F | 6 |
| SR WB 102-100/4F | 6 |




| | | | 20 m | 25 m | 30 m | 34 m | 35 m |
|---|---|---|---|---|---|---|---|
| 10 t → | 35,00 m | t | 10,00 | 10,00 | 10,00 | | 10,00 |
| 20 t → | 26,10 m | t | 20,00 | 20,00 | 16,70 | 14,40 | |

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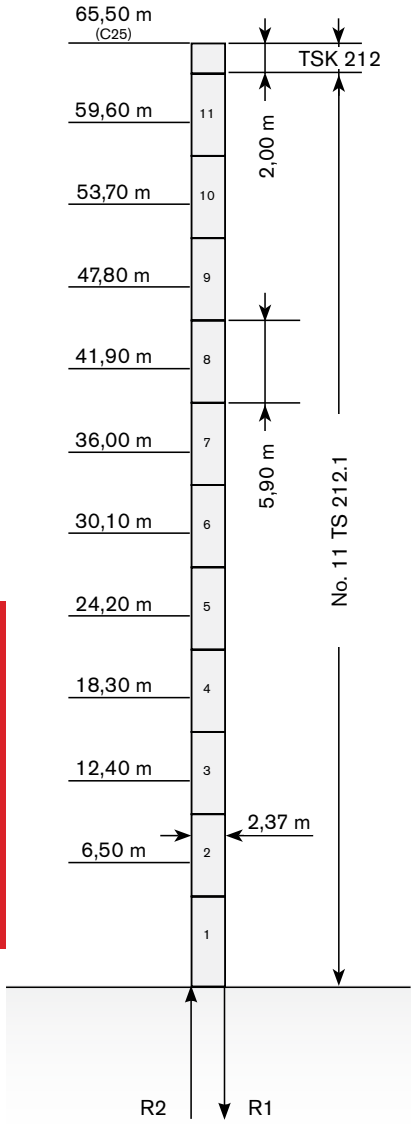
# TOWER

## Turm · Tour · Torre · Torre

## Standard Configurations · Standardkonfiguration · Standard Implantations · Implantaciones Standard · Installazioni Standard

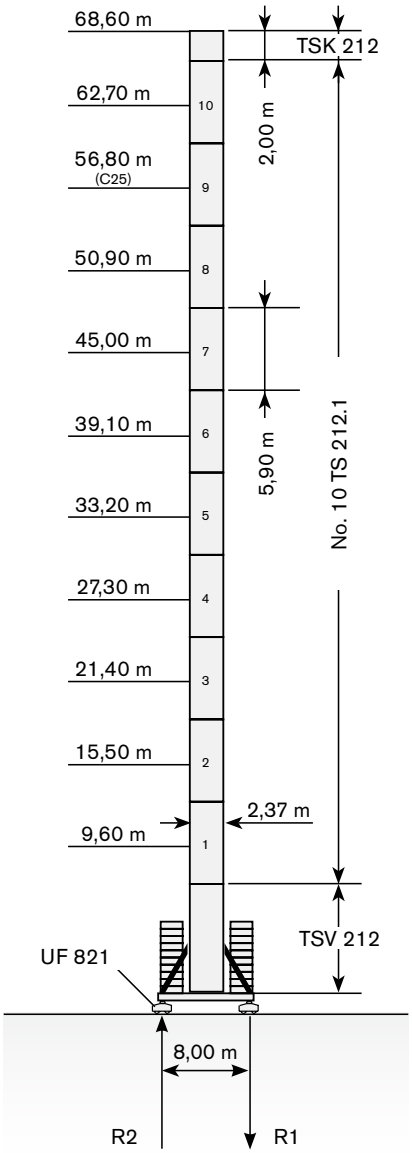
**Basement: A**

| | ● | ⬍ |
|---|---|---|
| R1 | -2655 kN | -2755 kN |
| R2 | 1992 kN | 2186 kN |
| | 890 kN | |



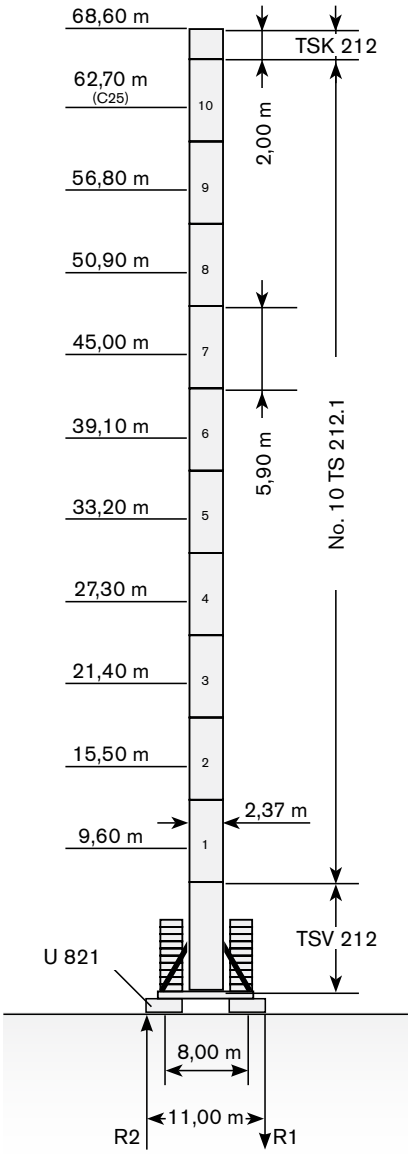

**Basement: E**

| | ● | ⬍ |
|---|---|---|
| R1 | -1121 kN | -1099 kN |
| R2 | 0 kN | -51 kN |
| | 978 kN | |




**Basement: F**

| | ● | ⬍ |
|---|---|---|
| R1 | 1099 kN | -1113 kN |
| R2 | 0 kN | -18 kN |
| | 978 kN | |




Max. under hook height • Höchste Hakenhöhe • Hauteur maxi. sous crochet • Maxima altura bajo gancho • Altezza max. sotto gancio

Different heights and tower combinations are available; please consult us • Andere Höhen und Turmkombinationen auf Anfrage • Différentes hauteurs et combinaisons de tour sont disponibles; nous consulter • Hay diferentes alturas y combinaciones de torre disponibles. Consúltenos • Altezze diverse e combinazioni di torre sono disponibili; consultateci

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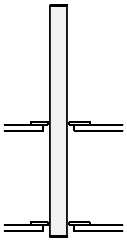
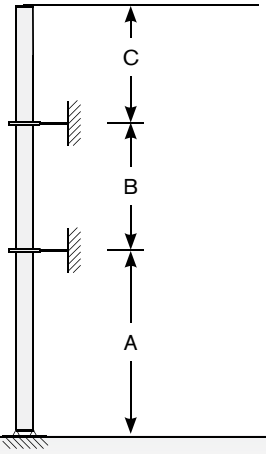
# Other configurations · Aufstellmöglichkeiten · Autres Implantations · Otras Implantaciones · Altre Installazioni

**Bottom climbing crane · Kletterkran im Gebäude · Télescopage sur dalles · Telescopage grúa trepadora · Gru climbing**



Consult us · Auf Anfrage · Nous consulter · Consultarnos · Consultateci

**Crane tied to the structure · Geankerter Kran · Grue ancrée · Grúa anclada · Gru ancorata**




| | min | max |
|---|---|---|
| A | 20,80 m | 51,30 m |
| B | 14,80 m | 35,90 m |
| C | 50,40 m | |

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# MECHANISMS

## Antriebe · Mécanismes · Mecanismos · Meccanismi

## Power supply · Stromversorgung · Alimentation · Suministro eléctrico · Alimentazione

| | | | |
|---|---|---|---|
| | SR WB 66-100/4F | 200 kVA | 400V - 50Hz / 3 ph |
| | SR WB 102-100/4F | 245 kVA | 400V - 50Hz / 3 phz |

## Hoisting · Heben · Levage · Elevación · Sollevamento

| | | | t | m/min | kW | |
|---|---|---|---|---|---|---|
| | SR WB 66-100/4F | | 2,5 | 0 → 112 | 66 | 520 m |
| | | | 4,2 | 0 → 70 | | |
| | | | 7,1 | 0 → 45 | | |
| | | | 10 | 0 → 28 | | |
| | | | 5 | 0 → 56 | | |
| | | | 8,4 | 0 → 35 | | |
| | | | 14,2 | 0 → 22 | | |
| | | | 20 | 0 → 14 | | |
| | SR WB 102-100/4F | | 2,8 | 0 → 160 | 102 | 730 m |
| | | | 4,8 | 0 → 100 | | |
| | | | 8 | 0 → 63 | | |
| | | | 10 | 0 → 40 | | |
| | | | 5,6 | 0 → 80 | | |
| | | | 9,6 | 0 → 60 | | |
| | | | 16 | 0 → 31 | | |
| | | | 20 | 0 → 20 | | |

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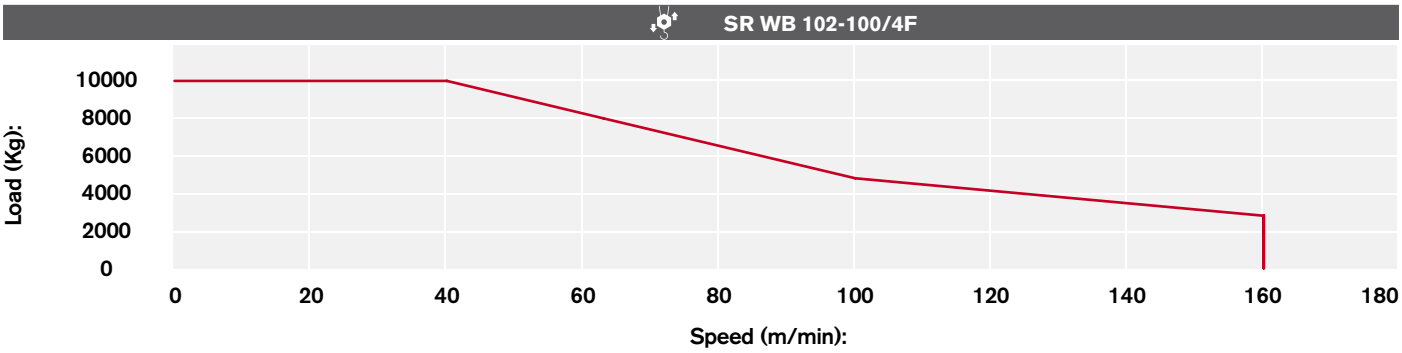
## Hoisting Speed · Heben Geschwindigkeit · Vitesse de Levage · Velocidad de Elevación · Velocità' di Sollevamento




## Additional Specifications · Weitere Leistungsdaten · Spécifications additionnelles · Otras prestaciones · Altre movimentazioni

| | | | |
|---|---|---|---|
| | FU 9-200/4 | 0 → 77 m/min | 1 x 9,0 kW |
| | K WB 120/4 | 0 → 0,75 $min^{-1}$ | 2 x 100 Nm (35m - 55m)<br>3 x 100 Nm (60m - 75m) |
| | SR 10-190/4 | 0 → 25 m/min | 4 x 7,5 kW |

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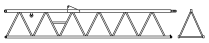
# TRANSPORTATION

## Transport · Transport · Conducción · Trasporto

## Packing list

| SK 415-20 | DESCRIPTION · BESCHREIBUNG · DESCRIPTION · DESCRIPCIÓN · DESCRIZIONE | LENGTH · LÄNGE · LONGUEUR · LONGITUD · LUNGHEZZA | WIDTH · BREITE · LARGEUR · ANCHURA · LARGHEZZA | HEIGHT · HÖHE · HAUTEUR · ALTURA · ALTEZZA | WEIGHT · GEWICHT · POIDS · PESO · PESO |
|---|---|---|---|---|---|
| | U821 Base Cross for TS212 & 212.1 Tower | 10,54 m | 2,76 m | 0,85 m | 7,76 t |
| | TSV 212.1 Tower Section for U821 cross | 9,50 m | 3,00 m | 3,05 m | 9,30 t |
| | 213.1 Tower Section | 5,94 m | 2,39 m | 2,38 m | 4,93 t |
| | TSU 213.1 /212.1 Transition Section | 5,94 m | 2,39 m | 2,38 m | 4,90 t |
| | 212.1 Tower Section | 5,94 m | 2,37 m | 2,44 m | 4,22 t |
| | TSK 212 Tower Section | 2,44 m | 3,00 m | 2,03 m | 2,80 t |
| | Turntable Complete w/cabin and 3 swing motors | 5,23 m | 4,32 m | 3,75 m | 12,52 t |
| | Towertop w / catwalk and ladder | 8,26 m | 2,00 m | 2,00 m | 4,36 t |
| | WB 66 Machinery Deck w/o wire rope | 2,80 m | 2,57 m | 1,70 m | 3,40 t |
| | WB 66 Counterjib complete less wire rope | 21,31 m | 2,80 m | 2,01 m | 12,02 t |
| | WB 102 Machinery Deck w/o wire rope | 2,85 m | 2,69 m | 1,73 m | 4,13 t |
| | WB 102 Counterjib complete less wire rope | 21,31 m | 2,80 m | 2,01 m | 12,80 t |
| | Jib Section No. 1 w / Trolley machinery | 11,86 m | 2,00 m | 2,20 m | 3,01 t |
|  | Jib Section No. 2 | 12,34 m | 2,00 m | 2,20 m | 2,35 t |

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**SK 415-20**

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|---|---|---|---|---|---|
| | Outer Jib Support "A" Frame | 6,58 m | 1,65 m | 1,42 m | 0,30 t |
| | Jib Section No. 3 | 11,84 m | 2,00 m | 2,31 m | 2,16 t |
| | Jib Section No. 4 | 5,69 m | 2,00 m | 1,91 m | 0,91 t |
| | Jib Section No. 5 | 10,67 m | 2,00 m | 2,10 m | 1,82 t |
| | Jib Section No. 6 | 10,80 m | 2,00 m | 1,93 m | 1,36 t |
| | Jib Section No. 7 | 10,21 m | 2,00 m | 1,91 m | 0,98 t |
| | Jib Section No. 8 | 5,69 m | 2,00 m | 1,88 m | 0,80 t |
| | Jib Section No. 9 | 5,75 m | 2,00 m | 1,93 m | 0,85 t |
| | Jib Tip Section | 1,37 m | 2,03 m | 1,37 m | 0,39 t |
| | Single (outer) Trolley for 2-Part Line | 2,24 m | 1,73 m | 1,83 m | 0,80 t |
| | Single Load Block for 2-Part Line | 0,84 m | 0,31 m | 1,37 m | 0,54 t |
| | Double Trolley for 4-Part Line | 4,47 m | 1,73 m | 1,83 m | 1,55 t |
| | Dual Load Block for 4-Part Line | 1,68 m | 0,31 m | 1,37 m | 1,09 t |
| | BG Counterweight | 4,47 m | 0,15 m | 1,55 m | 3,10 t |
| | TS 212 Foundation anchor | 0,60 m | 0,60 m | 1,00 m | 0,30 t |

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