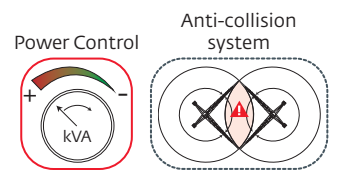
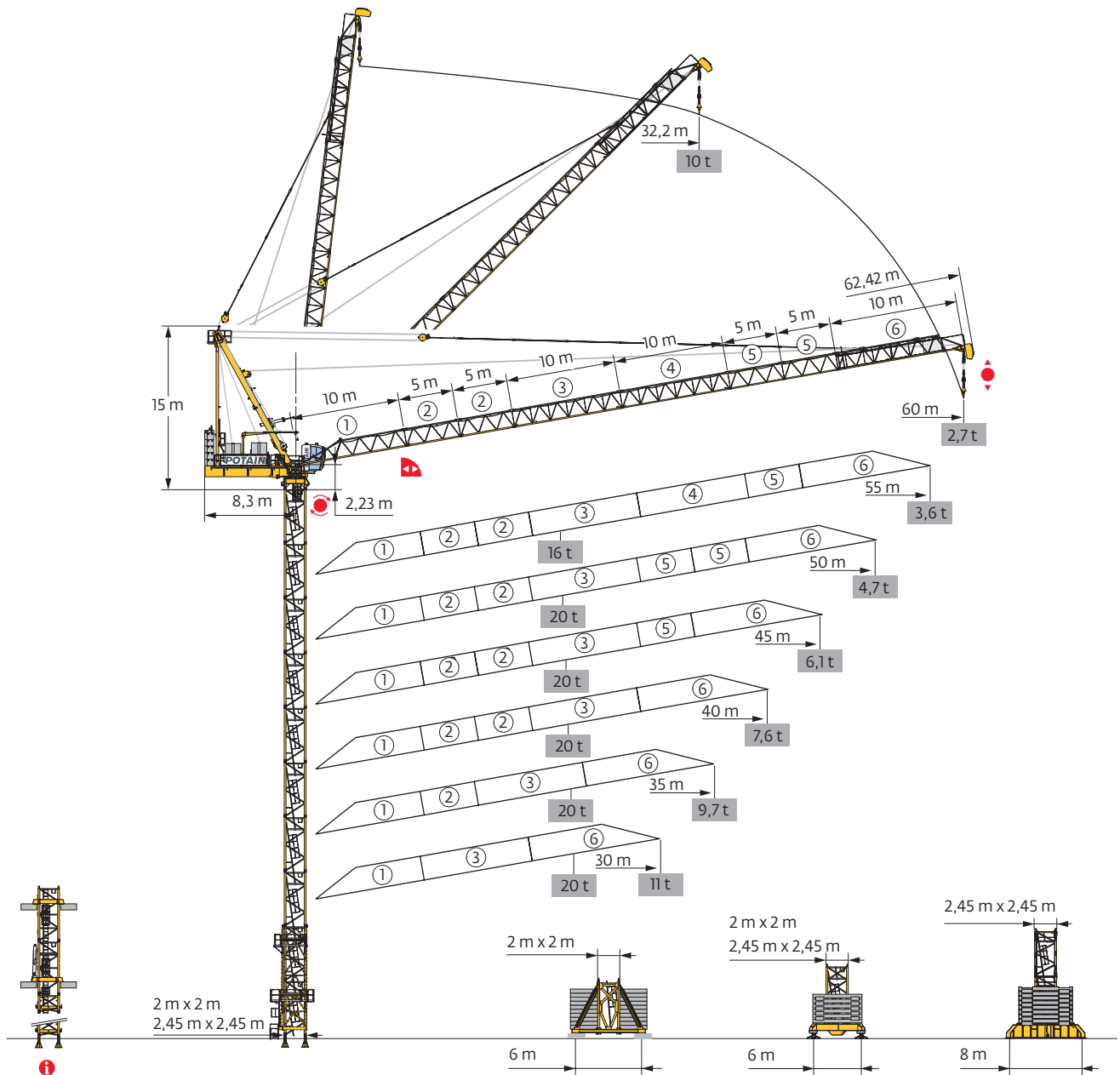


## MR 295 H20



Mât - Réactions / Mast - Reaktionskräfte / Mast - Reactions / Mástil - Reacciones / Torre - Reazioni  
 Tramo - Reacções / Реакция опор мачты

**2 m - P 62B**

| Span (m)   | 30    | 35   | 40   | 45   | 50   | 55   | 60   |
|------------|-------|------|------|------|------|------|------|
| Height (m) | 52,5  | 52,5 | 50,9 | 49,2 | 47,5 | 44,2 | 42,5 |
| 3,33 m     | 0     | 0    | 1    | 2    | 0    | 2    | 0    |
| 5 m        | 10    | 10   | 9    | 8    | 9    | 7    | 8    |
| F2 (t)     | ● 224 | 226  | 222  | 226  | 227  | 220  | 213  |
|            | ■ 239 | 267  | 280  | 291  | 302  | 299  | 296  |
| F3 (t)     | ● 176 | 177  | 174  | 167  | 169  | 164  | 159  |
|            | ■ 191 | 218  | 231  | 243  | 254  | 252  | 249  |

**2 m - V 60A**

| Span (m)   | 30    | 35   | 40   | 45   | 50   | 55   | 60   |
|------------|-------|------|------|------|------|------|------|
| Height (m) | 50,2  | 45,2 | 41,8 | 38,5 | 35,2 | 31,8 | 28,5 |
| 3,33 m     | 1     | 1    | 0    | 2    | 1    | 0    | 2    |
| 5 m        | 8     | 7    | 7    | 5    | 5    | 5    | 3    |
| F1 (t)     | ● 116 | 115  | 115  | 115  | 114  | 112  | 106  |
|            | ■ 128 | 122  | 121  | 119  | 117  | 115  | 113  |

**2 m - ZX 6830**

| Span (m)   | 30    | 35   | 40   | 45   | 50   | 55   | 60   |
|------------|-------|------|------|------|------|------|------|
| Height (m) | 55,1  | 53,5 | 50,1 | 46,8 | 43,5 | 40,1 | 38,5 |
| 3,33 m     | 2     | 0    | 2    | 1    | 0    | 2    | 0    |
| 5 m        | 9     | 10   | 8    | 8    | 8    | 6    | 7    |
| F1 (t)     | ● 132 | 134  | 141  | 136  | 139  | 136  | 132  |
|            | ■ 149 | 159  | 160  | 158  | 157  | 155  | 153  |

**2,45 m - P 800B**

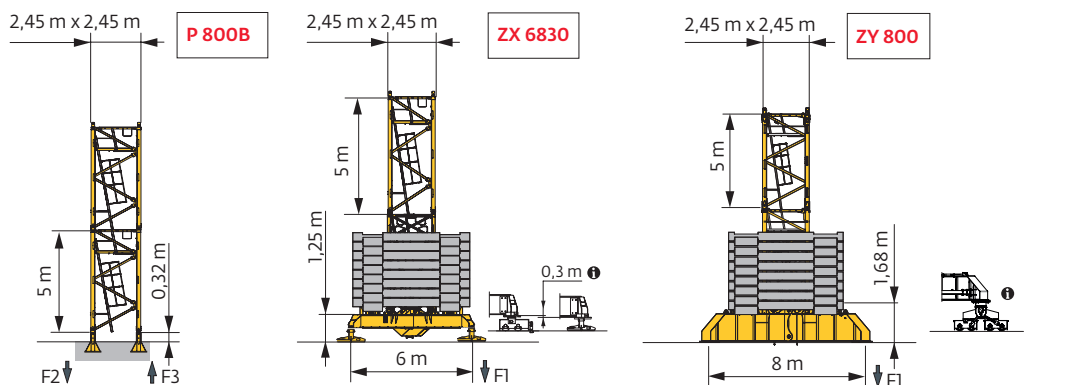
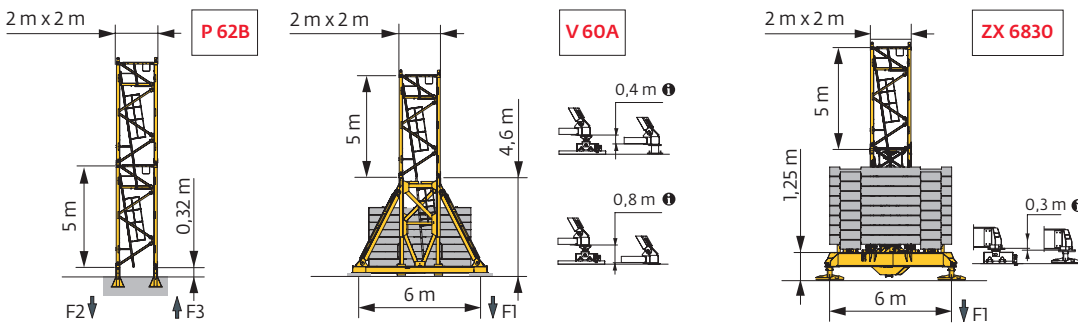
| Span (m)   | 30    | 35   | 40   | 45   | 50   | 55   | 60   |
|------------|-------|------|------|------|------|------|------|
| Height (m) | 64,5  | 61,2 | 57,9 | 56,2 | 52,9 | 51,2 | 49,5 |
| 2 m        | 1     | 1    | 1    | 1    | 1    | 1    | 1    |
| 3,33 m     | 0     | 2    | 1    | 2    | 1    | 2    | 0    |
| 5 m        | 12    | 10   | 10   | 9    | 9    | 8    | 9    |
| F2 (t)     | ● 230 | 222  | 213  | 210  | 208  | 204  | 197  |
|            | ■ 309 | 313  | 307  | 316  | 310  | 318  | 311  |
| F3 (t)     | ● 172 | 164  | 155  | 142  | 140  | 139  | 134  |
|            | ■ 250 | 254  | 249  | 258  | 253  | 261  | 255  |

**2,45 m - ZX 6830**

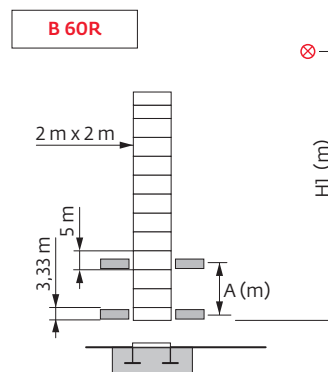
| Span (m)   | 30    | 35   | 40   | 45   | 50   | 55   | 60   |
|------------|-------|------|------|------|------|------|------|
| Height (m) | 53,8  | 50,5 | 47,1 | 43,8 | 40,5 | 38,8 | 37,1 |
| 2 m        | 1     | 1    | 1    | 1    | 1    | 1    | 1    |
| 3,33 m     | 1     | 0    | 2    | 1    | 0    | 1    | 2    |
| 5 m        | 9     | 9    | 7    | 7    | 7    | 6    | 5    |
| F1 (t)     | ● 144 | 140  | 143  | 139  | 138  | 139  | 136  |
|            | ■ 163 | 163  | 164  | 159  | 155  | 162  | 161  |

**2,45 m - ZY 800**

| Span (m)   | 30    | 35   | 40   | 45   | 50   | 55   | 60   |
|------------|-------|------|------|------|------|------|------|
| Height (m) | 64,2  | 60,9 | 59,2 | 55,9 | 54,2 | 50,9 | 49,2 |
| 2 m        | 1     | 1    | 1    | 1    | 1    | 1    | 1    |
| 3,33 m     | 1     | 0    | 1    | 0    | 1    | 0    | 1    |
| 5 m        | 11    | 11   | 10   | 10   | 9    | 9    | 8    |
| F1 (t)     | ● 131 | 133  | 137  | 133  | 136  | 132  | 128  |
|            | ■ 176 | 173  | 180  | 173  | 178  | 173  | 177  |



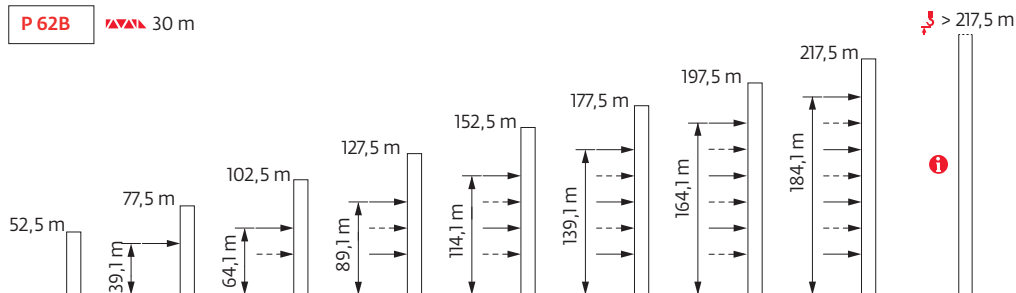
| 2 m - B 60R        |           |           |           |         |             |           |         |
|--------------------|-----------|-----------|-----------|---------|-------------|-----------|---------|
| H <sub>1</sub> (m) | 30        | 35        | 40        | 45      | 50          | 55        | 60      |
| H <sub>1</sub> (m) | 62,2      | 62,2      | 60,6      | 58,9    | 57,2        | 53,9      | 52,2    |
| A (m)              | 12,5 → 28 | 12,5 → 28 | 12,5 → 27 | 13 → 26 | 13,5 → 25,5 | 13 → 23,5 | 13 → 23 |
| 3,33 m             | 2         | 2         | 0         | 1       | 2           | 1         | 2       |
| 5 m                | 10        | 10        | 11        | 10      | 9           | 9         | 8       |
| 3,33 m             | 1         | 1         | 1         | 1       | 1           | 1         | 1       |



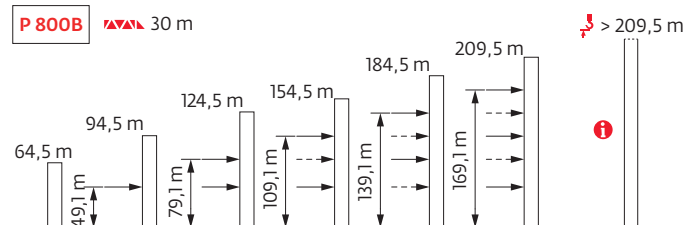
B 60A ⓘ

ⓘ Accès motorisés : compositions de mâture, de lest de base et réactions adaptées. / Motorisierter Zugang vom : Mastzusammensetzung, Grundballast und Reaktionskräfte sind angepasst. / Motorized accesses: adapted mast composition, base ballast and reactions. / Acceso a cabina con elevador: Adaptación de composición de mástil, lastre de base y reacciones. / Accessi motorizzati: composizioni elementi torre, zavorre di base e reazioni aggiornate. / Acessos motorizados: composições de coluna, lastro da base e reacções adaptadas. / Лифты : адаптированная композиция мачты, базовый балласт и нагрузки.

Ancrages / Verankerungen / Anchorages / Anclajes / Ancoraggi  
 Ancoragem / Анкера



Exemple de configuration spécifique avec cadres renforcés - Nous consulter.  
 Wenn Sie ein Beispiel für eine bestimmte Konfiguration mit verstärkten Gestellen wünschen, wenden Sie sich an uns.  
 Example of specific configuration with reinforced frames - contact us for information.  
 Ejemplo de configuración específica con marcos reforzados: consúltenos.  
 Esempio di configurazione specifica con telai rinforzati - contattateci.  
 Exemplo de configuração específica com armações reforçadas - Consulte-nos.  
 Пример специальной конфигурации крана с усиленными рамками – для информации связывайтесь с нами



Lest de base / Grundballast / Base ballast / Lastre de base / Zavorra di base  
 Lastro da base / Базовый Балласт

**☰ (t) / ▮ 2 m - V 60A - 🚛**

| ▵\▴ (m) | 30  | 35  | 40  | 45  | 50  | 55  | 60  |
|---------|-----|-----|-----|-----|-----|-----|-----|
| 50,2    | 132 |     |     |     |     |     |     |
| 45,2    | 108 | 132 |     |     |     |     |     |
| 41,8    | 108 | 108 | 132 |     |     |     |     |
| 38,5    | 96  | 96  | 108 | 132 |     |     |     |
| 35,2    | 96  | 96  | 96  | 108 | 132 |     |     |
| 31,8    | 96  | 96  | 96  | 96  | 108 | 132 |     |
| 28,5    | 96  | 96  | 96  | 96  | 96  | 108 | 132 |

**☰ (t) / ▮ 2 m - ZX 6830 - 🚛**

| ▵\▴ (m) | 30  | 35  | 40  | 45  | 50  | 55  | 60  |
|---------|-----|-----|-----|-----|-----|-----|-----|
| 55,1    | 151 |     |     |     |     |     |     |
| 53,5    | 141 | 171 |     |     |     |     |     |
| 50,1    | 121 | 151 | 181 |     |     |     |     |
| 46,8    | 101 | 131 | 151 | 181 |     |     |     |
| 43,5    | 91  | 101 | 131 | 151 | 181 |     |     |
| 40,1    | 91  | 91  | 111 | 131 | 161 | 181 |     |
| 38,5    | 91  | 91  | 101 | 121 | 141 | 171 | 181 |
| 33,5    | 91  | 91  | 81  | 91  | 111 | 131 | 141 |
| 28,5    | 91  | 91  | 81  | 81  | 81  | 101 | 111 |

**☰ (t) / ▮ 2,45 m - ZX 6830 - 🚛**

| ▵\▴ (m) | 30  | 35  | 40  | 45  | 50  | 55  | 60  |
|---------|-----|-----|-----|-----|-----|-----|-----|
| 53,8    | 171 |     |     |     |     |     |     |
| 50,5    | 141 | 171 |     |     |     |     |     |
| 47,1    | 111 | 151 | 181 |     |     |     |     |
| 43,8    | 91  | 121 | 151 | 171 |     |     |     |
| 40,5    | 91  | 91  | 121 | 141 | 171 |     |     |
| 38,8    | 91  | 91  | 111 | 131 | 161 | 181 |     |
| 37,1    | 91  | 91  | 91  | 121 | 141 | 171 | 181 |
| 32,1    | 91  | 91  | 81  | 81  | 101 | 131 | 141 |
| 27,1    | 91  | 91  | 81  | 81  | 81  | 91  | 101 |

**☰ (t) / ▮ 2,45 m - ZY 800 - 🚛**

| ▵\▴ (m) | 30  | 35  | 40  | 45  | 50  | 55  | 60  |
|---------|-----|-----|-----|-----|-----|-----|-----|
| 64,2    | 156 |     |     |     |     |     |     |
| 60,9    | 144 | 168 |     |     |     |     |     |
| 59,2    | 132 | 156 | 180 |     |     |     |     |
| 55,9    | 108 | 132 | 156 | 168 |     |     |     |
| 54,2    | 96  | 120 | 144 | 156 | 180 |     |     |
| 50,9    | 84  | 108 | 120 | 144 | 156 | 180 |     |
| 49,2    | 72  | 96  | 108 | 132 | 144 | 168 | 180 |
| 44,2    | 48  | 72  | 84  | 96  | 120 | 132 | 156 |
| 39,2    | 36  | 36  | 60  | 72  | 84  | 108 | 120 |
| 34,2    | 36  | 36  | 36  | 48  | 60  | 84  | 96  |
| 29,2    | 36  | 36  | 24  | 24  | 36  | 48  | 72  |

Courbes de charges / Lastkurven / Load curves / Curvas de cargas / Curve di carico  
 Curvas de carga / Кривые нагрузок

| ▵\▴ (m)   | 17         | 20 | 22 | 25 | 27 | 31 | 32 | 35 | 35,9 | 37 | 40 | 40,7 | 42 | 45 | 45,5 | 47 | 50 | 50,3 | 52 | 55 | 55,2 | 57 | 60 | m  |    |    |    |    |    |     |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
|-----------|------------|----|----|----|----|----|----|----|------|----|----|------|----|----|------|----|----|------|----|----|------|----|----|----|----|----|----|----|----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| <b>60</b> | 5 → 32,2   |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      |    | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8,7 | -    | 7,9 | 6,8 | -   | 6,2 | 5,4 | -   | 4,9 | 4,2 | -   | 3,8 | 3,6 | -   | 3,2 | 2,7 | t |
| <b>55</b> | 4,7 → 32,4 |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      |    | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8,8 | -    | 8   | 6,9 | -   | 6,3 | 5,5 | -   | 5   | 4,5 | -   | 4,2 | 3,6 | 3,6 | t   |     |   |
| <b>50</b> | 4,3 → 32,6 |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      |    | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8,9 | -    | 8,1 | 7,1 | -   | 6,4 | 5,6 | -   | 5,4 | 4,7 | 4,6 | t   |     |     |     |     |   |
| <b>45</b> | 4 → 33,1   |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      |    | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9,2 | -    | 8,3 | 7,3 | -   | 6,6 | 6,1 | 5,9 | t   |     |     |     |     |     |     |     |   |
| <b>40</b> | 3,6 → 33,6 |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      |    | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9,3 | -    | 8,5 | 7,6 | 7,3 | t   |     |     |     |     |     |     |     |     |     |     |   |
| <b>35</b> | 3,3 → 34,3 |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      |    | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9,7 | 9,25 | t   |     |     |     |     |     |     |     |     |     |     |     |     |     |   |
| <b>30</b> | 2,9 → 31   |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      |    | 10 | 10 | 10 | 10 | 10 | 10 | t  |     |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |

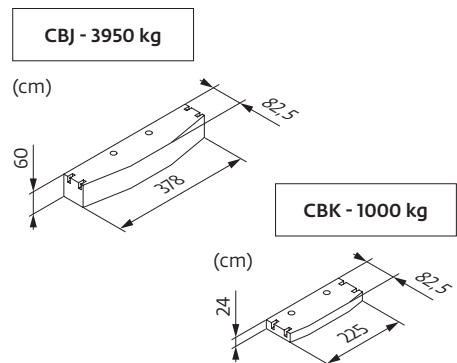
| ▵\▴ (m)   | 17         | 20 | 22 | 25 | 27 | 30 | 31 | 32 | 35 | 35,9 | 37 | 40 | 40,7 | 42 | 45 | 45,5 | 47 | 50 | 50,3 | 52 | 55 | 55,2 | m  |    |    |      |      |      |       |     |     |      |     |     |      |     |     |      |     |     |      |     |      |     |   |
|-----------|------------|----|----|----|----|----|----|----|----|------|----|----|------|----|----|------|----|----|------|----|----|------|----|----|----|------|------|------|-------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|------|-----|---|
| <b>55</b> | 4,7 → 27,3 |    |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      | 12 | 12 | 12 | 12   | 12   | 10,3 | -     | 9,2 | 7,9 | -    | 7,1 | 6,1 | -    | 5,5 | 4,8 | -    | 4,5 | 3,8 | -    | 3,4 | 2,85 | 2,8 | t |
| <b>50</b> | 4,3 → 23,5 |    |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      | 15 | 15 | 15 | 13,7 | 12,2 | -    | -     | 9,2 | 7,9 | -    | 7,1 | 6,4 | -    | 5,8 | 5   | -    | 4,5 | 3,8 | 3,68 | t   |      |     |   |
| <b>45</b> | 4 → 23,6   |    |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      | 15 | 15 | 15 | 13,8 | 12,3 | -    | 9,9   | 9,4 | 8,4 | -    | 7,6 | 6,5 | -    | 5,9 | 5   | 4,86 | t   |     |      |     |      |     |   |
| <b>40</b> | 3,6 → 23,9 |    |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      | 15 | 15 | 15 | 14   | 12,5 | 10,6 | -     | -   | 8,5 | -    | 7,7 | 6,6 | 6,34 | t   |     |      |     |     |      |     |      |     |   |
| <b>35</b> | 3,3 → 24,1 |    |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      | 15 | 15 | 15 | 14,3 | 12,8 | 11,1 | -     | -   | 8,6 | 8,22 | t   |     |      |     |     |      |     |     |      |     |      |     |   |
| <b>30</b> | 2,9 → 24,1 |    |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      | 15 | 15 | 15 | 14,2 | 12,9 | 11   | 10,35 | t   |     |      |     |     |      |     |     |      |     |     |      |     |      |     |   |

| ▵\▴ (m)   | 17         | 20        | 22 | 25 | 27 | 30 | 31 | 32 | 35 | 35,9 | 37 | 40 | 40,7 | 42 | 45 | 45,5 | 47 | 50 | 50,3 | 52 | 55 | 55,2 | m |    |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |   |
|-----------|------------|-----------|----|----|----|----|----|----|----|------|----|----|------|----|----|------|----|----|------|----|----|------|---|----|------|------|------|------|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|---|
| <b>55</b> | 4,7 → 22,2 | 32,4 - 35 |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      |   | 16 | 16   | 16   | 13,3 | 11,8 | 9,9  | -     | 8,8 | 8   | -   | 7,2 | 6,2 | -   | 5,6 | 5   | -   | 4,8 | 4,1 | -   | 3,6 | 3 | 3 | t |
| <b>50</b> | 4,3 → 18,9 | 27 - 30,7 |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      |   | 20 | 18,4 | 16,1 | 13,3 | 11,8 | -    | -     | 9,3 | 8   | -   | 7,4 | 6,7 | -   | 6,1 | 5,2 | -   | 4,7 | 4   | 3,9 | t   |   |   |   |
| <b>45</b> | 4 → 18,9   | 27 - 31   |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      |   | 20 | 18,6 | 16,2 | 13,4 | 11,9 | -    | 10    | 9,5 | 8,7 | -   | 7,9 | 6,8 | -   | 6,1 | 5,2 | 5,1 | t   |     |     |     |   |   |   |
| <b>40</b> | 3,6 → 19,1 | 30 - 31,4 |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      |   | 20 | 18,8 | 16,4 | 13,6 | 12,1 | 10,2 | -     | -   | 8,8 | -   | 8   | 6,8 | 6,6 | t   |     |     |     |     |     |     |   |   |   |
| <b>35</b> | 3,3 → 19,2 | 30 - 31,8 |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      |   | 20 | 19   | 16,6 | 13,9 | 12,3 | 10,9 | -     | -   | 8,9 | 8,5 | t   |     |     |     |     |     |     |     |     |     |   |   |   |
| <b>30</b> | 2,9 → 19,4 |           |    |    |    |    |    |    |    |      |    |    |      |    |    |      |    |    |      |    |    |      |   | 20 | 19,2 | 16,8 | 14,1 | 13   | 11   | 10,35 | t   |     |     |     |     |     |     |     |     |     |     |     |     |   |   |   |

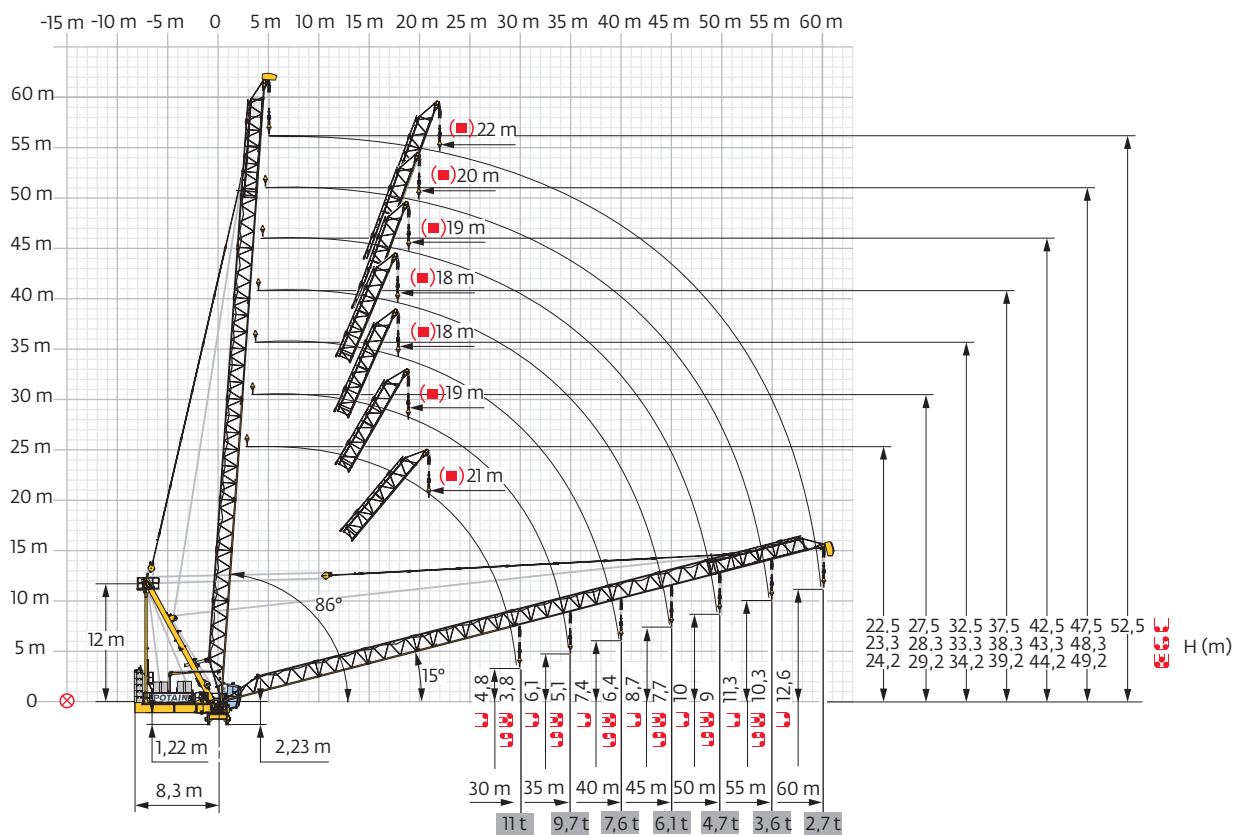
= - 0,5 t

Poids de flèche & lest de contre-flèche / Auslegergewicht & Gegenauslegerballast / Jib weight & counter-jib ballast / Peso de flecha y lastre de contra-flecha / Peso del braccio & zavorra di contro-braccio / Peso da lança & lastro da contra-lança  
 Вес стрелы и балласт контр-стрелы



|      | ▲▲▲▲ (kg)<br>(+/- 5%) |      |      | 100 LVF |         |           | 150/180 HPL™ GH |         |           |
|------|-----------------------|------|------|---------|---------|-----------|-----------------|---------|-----------|
|      | ▲▲▲▲                  | ▲▲▲▲ | ▲▲▲▲ | 3950 kg | 1000 kg | ▲▲▲▲ (kg) | 3950 kg         | 1000 kg | ▲▲▲▲ (kg) |
| 60 m | -                     | -    | 9520 | 5       | 1       | 20750     | 5               | 0       | 19750     |
| 55 m | 9410                  | 9170 | 8940 | 5       | 1       | 20750     | 5               | 0       | 19750     |
| 50 m | 8865                  | 8625 | 8395 | 5       | 1       | 20750     | 5               | 0       | 19750     |
| 45 m | 8270                  | 8030 | 7800 | 5       | 0       | 19750     | 4               | 3       | 18800     |
| 40 m | 7640                  | 7400 | 7170 | 5       | 0       | 19750     | 4               | 3       | 18800     |
| 35 m | 6850                  | 6610 | 6380 | 5       | 0       | 19750     | 4               | 3       | 18800     |
| 30 m | 6000                  | 5760 | 5530 | 5       | 0       | 19750     | 4               | 3       | 18800     |



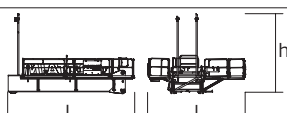
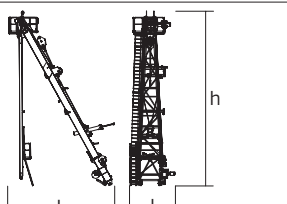
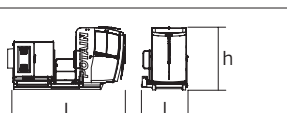
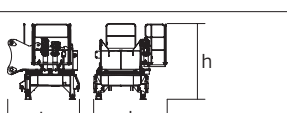
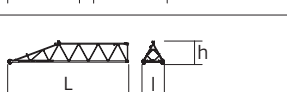
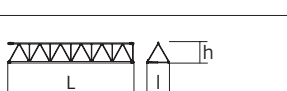
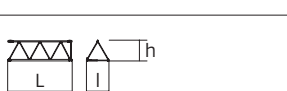
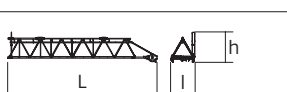
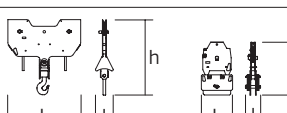
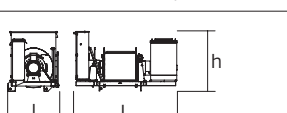
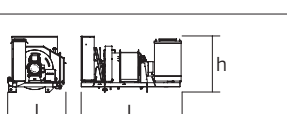
Flèche relevée / Ausleger in Steilstellung / Luffing jib / Flecha izada / Braccio impennato  
 Lança inclinada / Маховая стрела

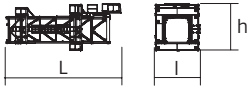
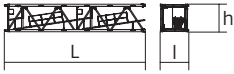
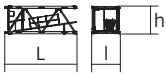


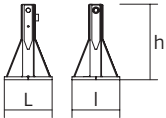
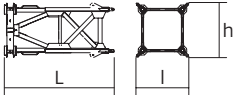
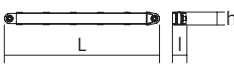
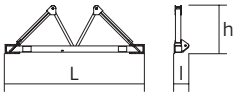
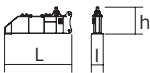

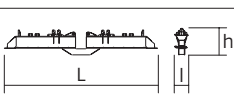



Encombremet et poids / Abmessungen und Gewicht / Dimensions and weight / Dimensiones y peso / Ingombro e peso  
dimensões e pesos / габаритные размеры и вес

Partie tournante / Drehender Kranteil / Slewing crane part / Parte giratoria  
Parte rotante / Parte rotativa / Поворотная часть :  60 m -  100 LVF



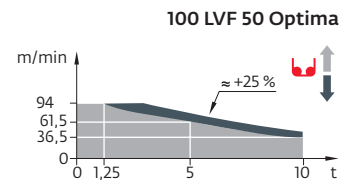
| Partie tournante / Drehender Kranteil / Slewing crane part<br>Parte giratoria / Parte rotante / Parte rotativa<br>Поворотная часть   | L (m)                                      | l (m)        | h (m)        | kg<br>(+/- 5%) |
|--|--|--------------|--------------|----------------|
| Contre-flèche / Gegenausleger<br>Counter-jib / Contra-flecha<br>Controbraccio / Contra-lança<br>Контр-стрела<br>  | 100 LVF<br>150/180 HPL™ GH<br>7,28<br>7,28 | 5,35<br>5,61 | 4,77<br>4,77 | 7475<br>7585   |
| Poinçon / Auslegerhaltebock<br>Strut / Puntal<br>Puntone / Extrator<br>стойка<br>   | 7,6  | 3,3          | 13           | 7015           |
| Cabine / Kabine<br>Cab / Cabina<br>Cabina / Cabina<br>Кабина<br>  | Ultra<br>View<br>4,74                      | 1,86         | 2,53         | 1840           |
| Pivot / Krankopf<br>Towerhead / Pivote<br>Portaralla / Pivot<br>Секция поворотной части<br>   | ∇2 m<br>2,98                               | 2,28         | 3,14         | 9150           |
| Elément de flèche / Auslegerement<br>Jib section / Elemento de flecha<br>Elemento di braccio / Elemento de lança<br>Секция стрелы<br>   | ①<br>10,27                                 | 1,9          | 1,99         | 1470           |
| Elément de flèche / Auslegerement<br>Jib section / Elemento de flecha<br>Elemento di braccio / Elemento de lança<br>Секция стрелы<br>   | ③<br>10,17                                 | 1,81         | 1,67         | 1230           |
|  | ④<br>10,17                                 | 1,81         | 1,65         | 1015           |
| Elément de flèche / Auslegerement<br>Jib section / Elemento de flecha<br>Elemento di braccio / Elemento de lança<br>Секция стрелы<br>   | ②<br>5,17                                  | 1,81         | 1,67         | 650            |
|  | ⑤<br>5,17                                  | 1,81         | 1,65         | 530            |
| Elément de flèche / Auslegerement<br>Jib section / Elemento de flecha<br>Elemento di braccio / Elemento de lança<br>Секция стрелы<br>   | ⑥<br>11,79                                 | 1,83         | 1,97         | 1360           |
| Moufle / Hubflasche<br>Pulley block / Aparejo<br>Bozzello / Cadernal<br>Полиспаст<br>   | 1,8<br>0,62                                | 0,44<br>0,18 | 2,67<br>1,15 | 493<br>407     |
| Treuil de levage (+ câble) / Hubwerk (+ Seil)<br>Hoisting winch (+ rope) / Mecanismo de elevación (+ cabo)<br>Argano di sollevamento (+ fune)<br>Guincho de elevação (+ cabo)<br>Подъемная лебедка (+ канатом)<br>                                  | 100 LVF<br>150/180 HPL™ GH<br>3,18<br>4,82 | 1,6<br>2,05  | 1,88<br>2,04 | 4455<br>9210   |
| Treuil de levage (+ câble) / Auslegerverstellwerk (+ Seil)<br>Luffing winch (+ rope) / Mecanismo de izado (+ cabo)<br>Argano di Impennaggio braccio (+ fune)<br>Mecanismo de Inclinação da Lança (+ cabo)<br>лебедка подъема стрелы (+ канатом)<br> | 100 VVF<br>3,16                            | 1,77         | 1,88         | 3000           |

| Рулоне / Kranturm / Crane tower<br>Mástil / Torre / Torre<br>Башня крана   |   | L (m)  | I (m)  | h (m)  | kg<br>(+/- 5%)   |
|--|---|--|--|--|--|
| T 61<br>T 851  |    | 10,83<br>11,18   | 4,14<br>4,84   | 4,47<br>5,8  | 9700<br>15750  |
| K 649B<br>KM 649E  |    | 10,23<br>10,29   | 2,07<br>2,03   | 2,03<br>2,03   | 5290<br>4850   |
| K 649A<br>KMT 649A<br>KR 649A<br>KRMT 649A<br>K 849A<br>KR 849A<br>KMT 849A<br>KRMT 849A   |    | 5,23<br>5,23<br>5,23<br>5,23<br>5,23<br>5,23<br>5,23<br>5,23 | 2,07<br>2,07<br>2,1<br>2,1<br>2,53<br>2,53<br>2,55<br>2,53 | 2,03<br>2,03<br>2,08<br>2,08<br>2,5<br>2,5<br>2,53<br>2,53 | 2805<br>2570<br>3250<br>3050<br>3400<br>4290<br>3150<br>4090 |
| K 649C<br>KMT 649C<br>KRMT 649C<br>KRMT 849C   |    | 3,57<br>3,57<br>3,57<br>3,57                                 | 2,07<br>2,07<br>2,1<br>2,55                                | 2,03<br>2,03<br>2,08<br>2,53                               | 1985<br>2060<br>2450<br>3205                                 |
| K80/KR60-2<br>Mât raccord / Verbindungsmast<br>Connecting mast / Tramo unión<br>Elemento raccordo / Tramo raccordo<br>Переходная мачта               |    | 2,23   | 3,25   | 2,48   | 4015   |
| Pieds de scellement / Verankerungsfüße<br>Fixing angles / Pie de empotramiento<br>Montante da annegare / Angulos fixadores<br>анкера                 |    | 0,65<br>0,75   | 0,65<br>0,75   | 1,27<br>1,28   | 295<br>465   |
| Mât-châssis / Grundmasteinheit<br>Basic mast unit / Tramo-chasis<br>Elemento base / Tramo-chassis<br>Мачта для крепления к шасси                     |  | 5,01   | 2,41   | 2,41   | 4390   |
| Haubans / Mastabstützungen<br>Struts / Tornapuntas<br>Puntoni / Escoras<br>Растяжка  |  | 4,51   | 0,29   | 0,29   | 420  |
| Sommier / Unterwagenhälfte<br>Half-bearer / Testero<br>Testata / Estrutura base<br>Траверса  |  | 6,7  | 0,7  | 2,31   | 1600   |
| 1/2 Bras de croix / 1/2 Fundamentkruzträger<br>1/2 Cross girder / 1/2 Brazo en cruz<br>1/2 Braccio croce / 1/2 Braço da cruz<br>1/2 Поперечная балка |  | 5,68   | 0,98   | 1,92   | 4720   |
| Bras de croix / Fundamentkruzträger<br>Cross girder / Brazo en cruz /<br>Braccio croce / Braço da cruz<br>Поперечная балка                           |  | 11,96  | 1,39   | 1,92   | 10075  |
| Bras de croix / Fundamentkruzträger<br>Cross girder / Brazo en cruz<br>Braccio croce / Braço da cruz<br>Поперечная балка                             |  | 9,1  | 0,76   | 1,48   | 5445   |
|  |  | 9,1  | 1,12   | 1,1  | 5265   |

Mécanismes / Triebwerke / Mechanisms / Mecanismos / Meccanismi  
 Mecanismos / Механизмы

| 400 V - 50 Hz<br>480 V - 60 Hz |                                |                    |                        |            |      |      |      |      |      |    |      |      | ch - PS<br>hp | kW      |     |        |
|--------------------------------|--------------------------------|--------------------|------------------------|------------|------|------|------|------|------|----|------|------|---------------|---------|-----|--------|
|                                | 400 V - 50 Hz                  | 100 LVF 50         | m/min                  | 36,5       | 46,5 | 61,5 | 78,5 | 94   | 18,5 | 24 | 32   | 44,5 | 47            | 100     | 75  | 1018 m |
|                                | 480 V - 60 Hz                  | Optima             | t                      | 10         | 7,5  | 5    | 2,5  | 1,25 | 20   | 15 | 10   | 5    | 3,9           |         |     |        |
|                                | 400 V - 50 Hz                  | 150 HPL™ 50        | m/min                  | 55         | 68,5 | 92,5 | 144  | 195  | 28   | 35 | 48,5 | 80   | 97,5          | 150     | 110 | 1200 m |
|                                | 480 V - 60 Hz                  | GH                 | t                      | 10         | 7,5  | 5    | 2,5  | 0,8  | 20   | 15 | 10   | 5    | 3             |         |     |        |
|                                |                                | 100 VVF 40         |                        | 1 min 40 s |      |      |      |      |      |    |      |      | 100           | 75      |     |        |
|                                | 400 V - 50 Hz<br>480 V - 60 Hz | RVF 172<br>Optima+ | tr/min<br>U/min<br>rpm | 0 → 0,8    |      |      |      |      |      |    |      |      | 2 x 10        | 2 x 7,5 |     |        |
|                                |                                |                    |                        |            |      |      |      |      |      |    |      |      |               |         |     |        |

|                         | IEC 60204-32 |                             | kVA |
|-------------------------|--------------|-----------------------------|-----|
| 400 V (+10% -10%) 50 Hz |              | 100 LVF : 179 kVA           |     |
|                         |              | 150 HPL™ GH : 219 → 159 kVA |     |
| 480 V (+6% -10%) 60 Hz  |              | 100 LVF : 179 kVA           |     |
|                         |              | 180 HPL™ GH : 243 → 171 kVA |     |



|  | <b>FR</b>  | <b>DE</b>  | <b>EN</b>   | <b>ES</b>   | <b>IT</b>   | <b>PT</b>  | <b>RU</b>   |
|--|--|--|---|---|---|--|---|
|  | Équipements standards  | Standardausrüstungen   | Standard equipment  | Equipamiento de serie   | Equipaggiamento standard  | Equipamento de série   | Стандартное оборудование  |
|  | Équipements optionnels   | Sonderausrüstungen   | Options   | Equipamiento opcional   | Equipaggiamento in opzione  | Equipamento opcional   | Дополнительное оборудование (опция)   |
|  | Réactions en service   | Reaktionskräfte in Betrieb   | Reactions in service  | Reacciones en servicio  | Reazioni in servizio  | Reações em serviço   | Реакция при работе  |
|  | Réactions hors service   | Reaktionskräfte außer Betrieb  | Reactions out of service  | Reacciones fuera de servicio  | Reazioni fuori servizio   | Reações fora de serviço  | Реакция в покое   |
|  | Distance entre cadres  | Abstand zwischen den Rahmen  | Distance between collars  | Distancia entra marcos  | Distanza fra i telai  | Distância entre quadros  | Расстояние между рамками крепления  |
|  | Cadre d'ancrage serré  | Fester Verankerungsrahmen  | Tightened anchorage frame   | Marco de anclaje de apriete   | Quadro di ancoraggio stretto  | Quadro de amarração apertado   | Прикрепленная анкерная рама   |
|  | Cadre d'ancrage desserré   | Looser Verankerungsrahmen  | Loosened anchorage frame  | Marco de anclaje de desapriete  | Quadro di ancoraggio allentato  | Quadro de amarração solto  | Отсоединенная анкерная рама   |
|  | Poids de flèche  | Auslegergewicht  | Jib weight  | Peso de flecha  | Peso del braccio  | Peso da lança  | вес стрелы  |
|  | Poids total du lest  | Ballast-Gesamtgewicht  | Total ballast weight  | Peso total del lastre   | Peso totale della zavorra   | Peso total do lastro   | Общий вес балласта  |
|  | Axe articulation flèche  | Auslegergelenksachse   | Jib articulation axis   | Eje de articulación de la flecha  | Perno di articolazione del braccio  | Eixo de articulação da lança   | Ось шарнира стрелы  |
|  | Position girouette   | Windfreistellung   | Weather vane position   | Posición veleta   | Libera rotazione  | Posição em cata-vento  | Флюгер  |
|  | Camion 13,4 m  | Lkw 13,4 m   | Lorry 13,4 m  | Camión 13,4 m   | Camion 13,4 m   | Camião 13,4 m  | Рзусовый автомобиль 13,4 м  |
|  | Conteneur High Cube 40', et/ou Flat Rack 20'   | Container High Cube 40', und/oder Flat Rack 20'  | Container High Cube 40', and/or Flat Rack 20'   | Contenedor High Cube 40', y/o Flat Rack 20'   | Container High Cube 40', e/o Flat Rack 20'  | Contentor High Cube 40', e/ou Flat Rack 20'  | 40-футовый контейнер повышенной вместимости High Cube, и/или 20-футовая открытая платформа Flat Rack                                  |
|  | Levage   | Heben  | Hoisting  | Elevación   | Sollevamento  | Elevação   | Подъем  |
|  | Relevage   | AL-Verstellen  | Luffing   | Izado   | Brandeggio  | Levantamento   | Маховый подъем  |
|  | Orientation  | Schwenken  | Slewing   | Orientación   | Rotazione   | Rotação  | Поворот   |
|  | Translation  | Kranfahren   | Travelling  | Traslación  | Traslazione   | Tradução   | Перемещение крана   |
|  | Puissance requise  | Erforderliche Leistung   | Required power  | Potencia Necesaria  | Potenza richiesta   | Potência Necessária  | Потребляемая мощность   |
|  | Fonction Power Control : vitesses treuils adaptées à la puissance disponible                                 | Funktion Power Control: Geschwindigkeiten der Triebwerke werden an die verfügbare Leistung angepasst   | Power Control Function: winch speeds adapted to the available power   | Función Power Control: marchas de los cabrestantes adaptadas a la potencia disponible                   | Funzione Power Control: velocità degli argani adattate alla potenza disponibile                                   | Função Power Control: velocidades de guincho adaptadas à potência disponível   | Функция контроля мощности Power Control: регулировка скорости лебедок в зависимости от доступной мощности                             |
|  | Nous consulter   | Auf Anfrage  | Consult us  | Consultarnos  | Consultateci  | Consultar-nos  | Проконсультируйтесь у нас   |
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