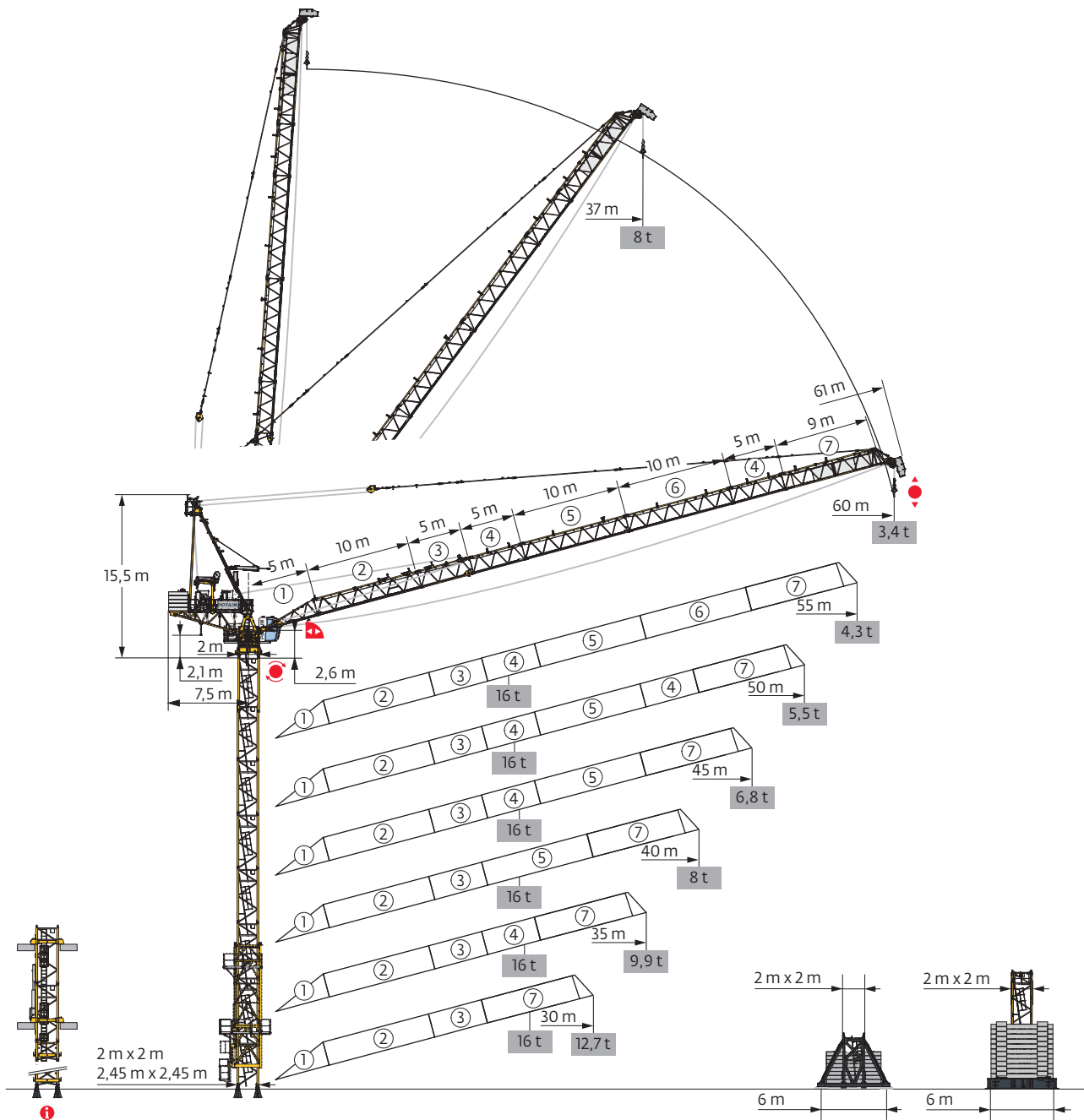


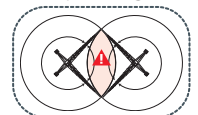
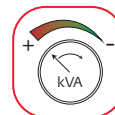
# MR 309 H16



Potain Plus

## Power Control

### Top Tracing 3



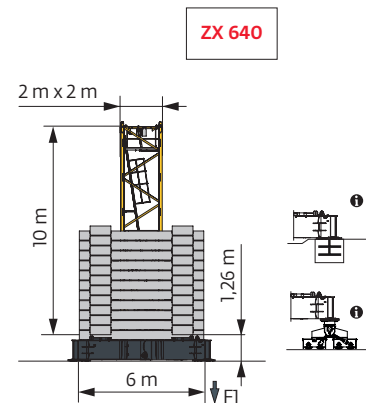
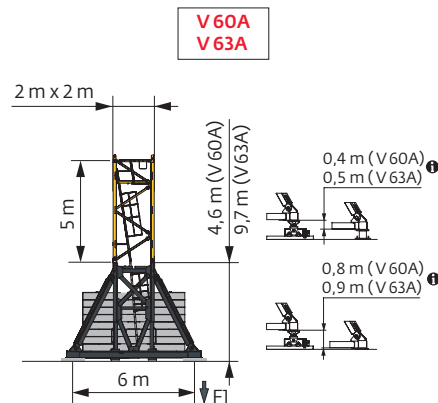
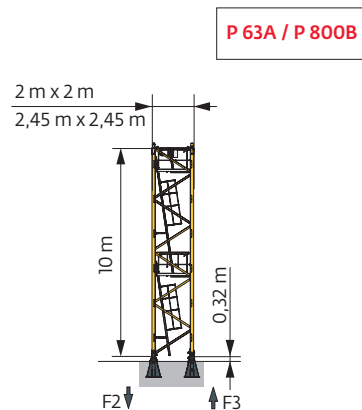
Mât - Réactions / Mast - Reaktionskräfte / Mast - Reactions / Mástil - Reacciones / Torre - Reazioni  
Tramo - Reacções / Реакция опор мачты

| 2 m - P 63A |        |      |      |      |      |      |      |     |
|-------------|--------|------|------|------|------|------|------|-----|
| AVAIL (m)   | 30     | 35   | 40   | 45   | 50   | 55   | 60   |     |
| (m)         | 55,9   | 55,9 | 55,9 | 54,2 | 54,2 | 52,5 | 49,2 |     |
| /P+ (m)     | 55,9   | 55,9 | 55,9 | 54,2 | 52,5 | 52,5 | 49,2 |     |
|             | 3,33 m | 1    | 1    | 1    | 2    | 2    | 0    | 2   |
|             | 5 m    | 8    | 8    | 8    | 7    | 7    | 8    | 6   |
|             | 10 m   | 1    | 1    | 1    | 1    | 1    | 1    | 1   |
| F2 (t)      | ●      | 216  | 218  | 220  | 219  | 222  | 221  | 218 |
|             | ■      | 235  | 250  | 264  | 267  | 283  | 284  | 273 |
| F3 (t)      | ●      | 160  | 162  | 164  | 163  | 165  | 164  | 164 |
|             | ■      | 181  | 195  | 209  | 212  | 227  | 229  | 219 |

| 2 m - V 63A - |        |      |      |      |      |      |      |     |
|---------------|--------|------|------|------|------|------|------|-----|
| AVAIL (m)     | 30     | 35   | 40   | 45   | 50   | 55   | 60   |     |
| (m)           | 51,9   | 51,9 | 51,9 | 51,9 | 51,9 | 50,2 | 48,5 |     |
| /P+ (m)       | 51,9   | 51,9 | 51,9 | 51,9 | 50,2 | 50,2 | 48,5 |     |
|               | 3,33 m | 0    | 0    | 0    | 0    | 1    | 2    |     |
|               | 5 m    | 8    | 8    | 8    | 8    | 7    | 6    |     |
|               | 10 m   | 1    | 1    | 1    | 1    | 1    | 1    |     |
| F1 (t)        | ●      | 118  | 122  | 123  | 124  | 129  | 132  | 130 |
|               | ■      | 119  | 126  | 132  | 141  | 150  | 153  | 154 |

| 2 m - V 60A - |        |      |      |      |      |      |      |     |
|---------------|--------|------|------|------|------|------|------|-----|
| AVAIL (m)     | 30     | 35   | 40   | 45   | 50   | 55   | 60   |     |
| (m)           | 51,8   | 51,8 | 48,5 | 46,8 | 45,2 | 43,5 | 40,2 |     |
| /P+ (m)       | 51,8   | 51,8 | 48,5 | 46,8 | 45,2 | 43,5 | 40,2 |     |
|               | 3,33 m | 0    | 0    | 2    | 0    | 1    | 2    | 1   |
|               | 5 m    | 9    | 9    | 7    | 8    | 7    | 6    | 6   |
|               | 10 m   | 1    | 1    | 1    | 1    | 1    | 1    | 1   |
| F1 (t)        | ●      | 118  | 119  | 117  | 116  | 117  | 116  | 114 |
|               | ■      | 118  | 122  | 118  | 119  | 119  | 120  | 116 |

| 2 m - ZX 640 - |        |      |      |      |      |      |      |     |
|----------------|--------|------|------|------|------|------|------|-----|
| AVAIL (m)      | 30     | 35   | 40   | 45   | 50   | 55   | 60   |     |
| (m)            | 55,2   | 55,2 | 55,2 | 53,5 | 53,5 | 53,5 | 50,2 |     |
| /P+ (m)        | 55,2   | 55,2 | 55,2 | 53,5 | 53,5 | 53,5 | 50,2 |     |
|                | 3,33 m | 2    | 2    | 2    | 0    | 0    | 0    | 2   |
|                | 5 m    | 7    | 7    | 7    | 8    | 8    | 8    | 6   |
|                | 10 m   | 1    | 1    | 1    | 1    | 1    | 1    | 1   |
| F1 (t)         | ●      | 124  | 124  | 128  | 125  | 132  | 135  | 133 |
|                | ■      | 129  | 136  | 145  | 145  | 155  | 165  | 158 |

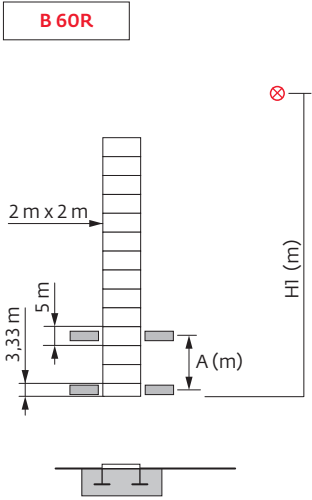


**i** Autres compositions de pylône - Nous consulter. / Andere Turmaufbauten - bitte kontaktieren Sie uns. / Other mast compositions - Please consult us. / Para otras composiciones de mástil - Por favor contáctenos. / Per altre composizioni torre, contattateci. / Para outras composições de coluna - Por favor, consulte-nos. / Для других композиций мачты пожалуйста проконсультируйтесь с нами.

Accès motorisés : compositions de mât, 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. / Accesso 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.

| 2,45 m - P 800B      |        |      |      |      |      |      |      |
|----------------------|--------|------|------|------|------|------|------|
| ΔΔΔ (m)              | 30     | 35   | 40   | 45   | 50   | 55   | 60   |
| (m)                  | 71,2   | 69,5 | 67,9 | 66,2 | 64,5 | 64,5 | 62,9 |
| / P <sub>r</sub> (m) | 71,2   | 69,5 | 67,9 | 66,2 | 64,5 | 64,5 | 62,9 |
|                      | 3,33 m | 2    | 0    | 1    | 2    | 0    | 1    |
|                      | 5 m    | 3    | 6    | 6    | 4    | 6    | 5    |
|                      | 2 m    | 1    | 1    | 1    | 1    | 1    | 1    |
|                      | 5 m    | 9    | 7    | 6    | 7    | 6    | 6    |
| F2 (t)               | ● 212  | 209  | 207  | 207  | 205  | 208  | 209  |
|                      | ■ 316  | 310  | 308  | 314  | 312  | 325  | 327  |
| F3 (t)               | ● 146  | 143  | 142  | 142  | 141  | 143  | 145  |
|                      | ■ 251  | 246  | 245  | 250  | 248  | 262  | 264  |

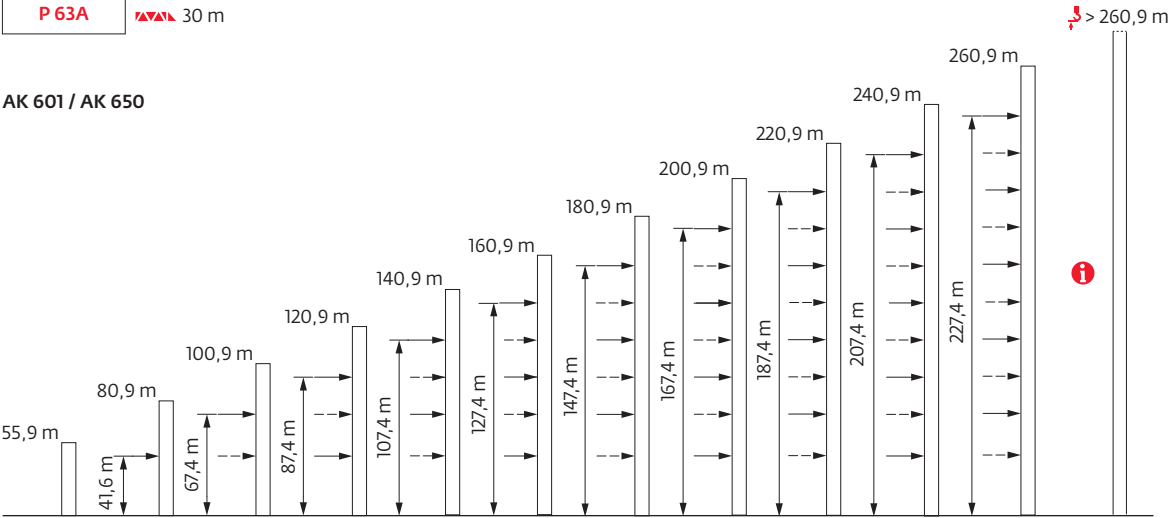
| 2 m - B 60R ⓘ |           |           |           |         |             |             |             |
|---------------|-----------|-----------|-----------|---------|-------------|-------------|-------------|
| ΔΔΔ (m)       | 30        | 35        | 40        | 45      | 50          | 55          | 60          |
| H1 (m)        | 70,6      | 70,6      | 70,6      | 70,6    | 67,2        | 67,2        | 65,6        |
| A (m)         | 13,5 → 32 | 13,5 → 32 | 13,5 → 32 | 14 → 32 | 13,5 → 30,5 | 13,5 → 30,5 | 13,5 → 29,5 |
|               | 3,33 m    | 0         | 0         | 0       | 2           | 2           | 0           |
|               | 5 m       | 13        | 13        | 13      | 11          | 11          | 12          |
|               | 3,33 m    | 1         | 1         | 1       | 1           | 1           | 1           |



Anchages / Verankerungen / Anchorages / Anclajes / Ancoraggi  
Ancoragem / нкрепа

P 63A ΔΔΔ 30 m

AK 601 / AK 650



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

| <div> (t) /  2 m - V 60A - </div> |      |     |     |     |     |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----|-----|-----|-----|-----|-----|
|  \  (m)                                                                                                            | 30   | 35  | 40  | 45  | 50  | 55  | 60  |     |
| <br>(m)                                                                                                                                                                                             | 51,8 | 132 | 132 |     |     |     |     |     |
|                                                                                                                                                                                                                                                                                      | 48,5 | 120 | 132 | 132 |     |     |     |     |
|                                                                                                                                                                                                                                                                                      | 46,8 | 120 | 120 | 132 | 132 |     |     |     |
|                                                                                                                                                                                                                                                                                      | 45,2 | 120 | 120 | 120 | 132 | 132 |     |     |
|                                                                                                                                                                                                                                                                                      | 43,5 | 108 | 120 | 120 | 120 | 132 | 132 |     |
|                                                                                                                                                                                                                                                                                      | 40,2 | 108 | 108 | 108 | 120 | 120 | 132 | 132 |
|                                                                                                                                                                                                                                                                                      | 35,2 | 96  | 96  | 96  | 108 | 108 | 108 | 120 |
|                                                                                                                                                                                                                                                                                      | 30,2 | 84  | 84  | 84  | 96  | 96  | 96  | 108 |
|                                                                                                                                                                                                                                                                                      | 25,2 | 72  | 72  | 84  | 84  | 84  | 84  | 96  |

|  (t) /  2 m - V 63A -  |      |     |     |     |     |     |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----|-----|-----|-----|-----|-----|
|  (m)                                                                                                                                                                                     | 30   | 35  | 40  | 45  | 50  | 55  | 60  |     |
| <br>(m)                                                                                                                                                                                  | 51,9 | 132 | 144 | 144 | 144 | 156 |     |     |
|                                                                                                                                                                                                                                                                           | 50,2 | 132 | 132 | 144 | 144 | 156 | 168 |     |
|                                                                                                                                                                                                                                                                           | 48,5 | 132 | 132 | 132 | 144 | 144 | 156 | 168 |
|                                                                                                                                                                                                                                                                           | 43,5 | 120 | 120 | 120 | 132 | 132 | 144 | 144 |
|                                                                                                                                                                                                                                                                           | 38,5 | 108 | 108 | 108 | 120 | 120 | 120 | 132 |
|                                                                                                                                                                                                                                                                           | 33,5 | 96  | 96  | 96  | 96  | 108 | 108 | 120 |
|                                                                                                                                                                                                                                                                           | 28,5 | 84  | 84  | 84  | 96  | 96  | 96  | 108 |
|                                                                                                                                                                                                                                                                           | 23,5 | 72  | 72  | 72  | 84  | 84  | 84  | 96  |

|  (t) /  2 m - ZX 640 -  |      |     |     |     |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----|-----|-----|-----|-----|
|  (m)                                                                                                                                                                                          | 30   | 35  | 40  | 45  | 50  | 55  | 60  |
| <br>(m)                                                                                                                                                                                       | 55,2 | 140 | 140 | 150 |     |     |     |
|                                                                                                                                                                                                                                                                                  | 53,5 | 130 | 130 | 140 | 140 | 160 | 170 |
|                                                                                                                                                                                                                                                                                  | 50,2 | 120 | 120 | 130 | 130 | 140 | 150 |
|                                                                                                                                                                                                                                                                                  | 45,2 | 110 | 110 | 120 | 120 | 130 | 130 |
|                                                                                                                                                                                                                                                                                  | 40,2 | 100 | 100 | 100 | 110 | 110 | 120 |
|                                                                                                                                                                                                                                                                                  | 35,2 | 80  | 90  | 90  | 100 | 100 | 100 |
|                                                                                                                                                                                                                                                                                  | 30,2 | 70  | 80  | 80  | 80  | 90  | 90  |
|                                                                                                                                                                                                                                                                                  | 25,2 | 60  | 70  | 70  | 70  | 80  | 80  |

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



|     |            | ☐ (m)       | 20 | 22 | 25   | 27   | 30   | 31   | 32   | 35  | 35,8 | 37  | 40  | 40,7 | 42  | 45  | 45,5 | 47  | 50  | 50,3 | 52  | 55  | 55,2 | m    |
|-----|------------|-------------|----|----|------|------|------|------|------|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|------|
| ☐\☐ | ☐ 16 t     | ☐ 8 t       | ☐  |    |      |      |      |      |      |     |      |     | ☐   |      |     |     |      |     |     |      |     |     |      |      |
| 55  | 4,8 → 22   | 36,3 - 37,4 | 16 | 16 | 13,7 | 12,4 | 10,7 | -    | 9,7  | 8,5 | -    | 8   | 7,1 | -    | 6,6 | 5,8 | -    | 5,3 | 4,7 | -    | 4,3 | 3,7 | 3,7  | t    |
|     | 4,8 → 22   | 36,3 - 37,4 | 16 | 16 | 13,7 | 12,4 | 10,7 | -    | 9,7  | 8,5 | -    | 8   | 7,1 | -    | 6,6 | 5,8 | -    | 5,4 | 4,8 | -    | 4,4 | 3,9 | 3,8  | t P+ |
| 50  | 4,6 → 22,5 | 37,3 - 38,4 | 16 | 16 | 14,1 | 12,8 | 11,1 | -    | 10,1 | 8,8 | -    | 8,1 | 7,5 | -    | 6,9 | 6,1 | -    | 5,6 | 5   | 4,9  | t   |     |      |      |
|     | 4,6 → 22,5 | 37,3 - 38,4 | 16 | 16 | 14,1 | 12,8 | 11,1 | -    | 10,1 | 8,8 | -    | 8,1 | 7,5 | -    | 6,9 | 6,2 | -    | 5,7 | 5,1 | 5    | t   | P+  |      |      |
| 45  | 4,4 → 23   | 38 - 39,1   | 16 | 16 | 14,4 | 13,1 | 11,4 | -    | 10,4 | 9,1 | -    | 8,4 | 7,7 | -    | 7,1 | 6,3 | 6,2  | t   |     |      |     |     |      |      |
|     | 4,4 → 23   | 38 - 39,1   | 16 | 16 | 14,4 | 13,1 | 11,4 | -    | 10,4 | 9,1 | -    | 8,4 | 7,7 | -    | 7,1 | 6,4 | 6,2  | t   | P+  |      |     |     |      |      |
| 40  | 4,1 → 23   | 38,8 - 40   | 16 | 16 | 14,5 | 13,2 | 11,6 | -    | 10,6 | 9,3 | -    | 8,6 | 8   | 7,8  | t   |     |      |     |     |      |     |     |      |      |
|     | 4,1 → 23   | 38,8 - 40   | 16 | 16 | 14,5 | 13,2 | 11,6 | -    | 10,6 | 9,3 | -    | 8,6 | 8   | 7,8  | t   | P+  |      |     |     |      |     |     |      |      |
| 35  | 3,7 → 23,5 |             | 16 | 16 | 14,9 | 13,7 | 12,1 | -    | 11,2 | 9,9 | 9,6  | t   |     |      |     |     |      |     |     |      |     |     |      |      |
|     | 3,7 → 23,5 |             | 16 | 16 | 14,9 | 13,7 | 12,1 | -    | 11,2 | 9,9 | 9,6  | t   | P+  |      |     |     |      |     |     |      |     |     |      |      |
| 30  | 3,1 → 24   |             | 16 | 16 | 15,4 | 14,2 | 12,7 | 12,2 | t    |     |      |     |     |      |     |     |      |     |     |      |     |     |      |      |
|     | 3,1 → 24,1 |             | 16 | 16 | 15,4 | 14,2 | 12,7 | 12,2 | t    | P+  |      |     |     |      |     |     |      |     |     |      |     |     |      |      |

☐ = ☐ - 0,4 t max.

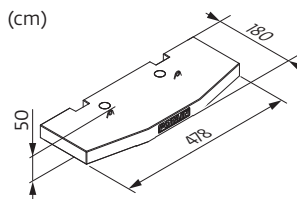


|  (m) |                                                                                         | 20                                                                                  | 22 | 25 | 27 | 30 | 31 | 32          | 35 | 35,8 | 37          | 40  | 40,7 | 42          | 45  | 45,5 | 47          | 50  | 50,3 | 52          | 55  | 55,2 | 60          | m           |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|----|----|----|----|-------------|----|------|-------------|-----|------|-------------|-----|------|-------------|-----|------|-------------|-----|------|-------------|-------------|
|      |  8 t |  |    |    |    |    |    |             |    |      |             |     |      |             |     |      |             |     |      |             |     |      |             |             |
| 60                                                                                      | 4,7 → 37                                                                                | 8                                                                                   | 8  | 8  | 8  | 8  | -  | 8           | 8  | -    | 8           | 7,1 | -    | 6,6         | 5,9 | -    | 5,4         | 4,8 | -    | 4,5         | 4   | -    | 3,2         | t           |
|                                                                                         | 4,7 → 37                                                                                | 8                                                                                   | 8  | 8  | 8  | 8  | -  | 8           | 8  | -    | 8           | 7,1 | -    | 6,6         | 5,9 | -    | 5,5         | 4,9 | -    | 4,6         | 4,1 | -    | 3,4         | t <b>P+</b> |
| 55                                                                                      | 4,8 → 37                                                                                | 8                                                                                   | 8  | 8  | 8  | 8  | -  | 8           | 8  | -    | 8           | 7,2 | -    | 6,7         | 6   | -    | 5,6         | 5   | -    | 4,7         | 4,2 | 4,2  | t           |             |
|                                                                                         | 4,8 → 37                                                                                | 8                                                                                   | 8  | 8  | 8  | 8  | -  | 8           | 8  | -    | 8           | 7,2 | -    | 6,7         | 6,1 | -    | 5,7         | 5,1 | -    | 4,8         | 4,3 | 4,3  | t <b>P+</b> |             |
| 50                                                                                      | 4,6 → 38                                                                                | 8                                                                                   | 8  | 8  | 8  | 8  | -  | 8           | 8  | -    | 8           | 7,5 | -    | 7           | 6,4 | -    | 6           | 5,4 | 5,4  | t           |     |      |             |             |
|                                                                                         | 4,6 → 38                                                                                | 8                                                                                   | 8  | 8  | 8  | 8  | -  | 8           | 8  | -    | 8           | 7,5 | -    | 7           | 6,4 | -    | 6           | 5,5 | 5,4  | t <b>P+</b> |     |      |             |             |
| 45                                                                                      | 4,4 → 39                                                                                | 8                                                                                   | 8  | 8  | 8  | 8  | -  | 8           | 8  | -    | 8           | 7,8 | -    | 7,3         | 6,7 | 6,7  | t           |     |      |             |     |      |             |             |
|                                                                                         | 4,4 → 39                                                                                | 8                                                                                   | 8  | 8  | 8  | 8  | -  | 8           | 8  | -    | 8           | 7,8 | -    | 7,3         | 6,8 | 6,7  | t <b>P+</b> |     |      |             |     |      |             |             |
| 40                                                                                      | 4,1 → 40,7                                                                              | 8                                                                                   | 8  | 8  | 8  | 8  | -  | 8           | 8  | -    | 8           | 8   | 8    | t           |     |      |             |     |      |             |     |      |             |             |
|                                                                                         | 4,1 → 40,7                                                                              | 8                                                                                   | 8  | 8  | 8  | 8  | -  | 8           | 8  | -    | 8           | 8   | 8    | t <b>P+</b> |     |      |             |     |      |             |     |      |             |             |
| 35                                                                                      | 3,7 → 35,8                                                                              | 8                                                                                   | 8  | 8  | 8  | 8  | -  | 8           | 8  | 8    | t           |     |      |             |     |      |             |     |      |             |     |      |             |             |
|                                                                                         | 3,7 → 35,8                                                                              | 8                                                                                   | 8  | 8  | 8  | 8  | -  | 8           | 8  | 8    | t <b>P+</b> |     |      |             |     |      |             |     |      |             |     |      |             |             |
| 30                                                                                      | 3,1 → 31                                                                                | 8                                                                                   | 8  | 8  | 8  | 8  | 8  | t           |    |      |             |     |      |             |     |      |             |     |      |             |     |      |             |             |
|                                                                                         | 3,1 → 31                                                                                | 8                                                                                   | 8  | 8  | 8  | 8  | 8  | t <b>P+</b> |    |      |             |     |      |             |     |      |             |     |      |             |     |      |             |             |

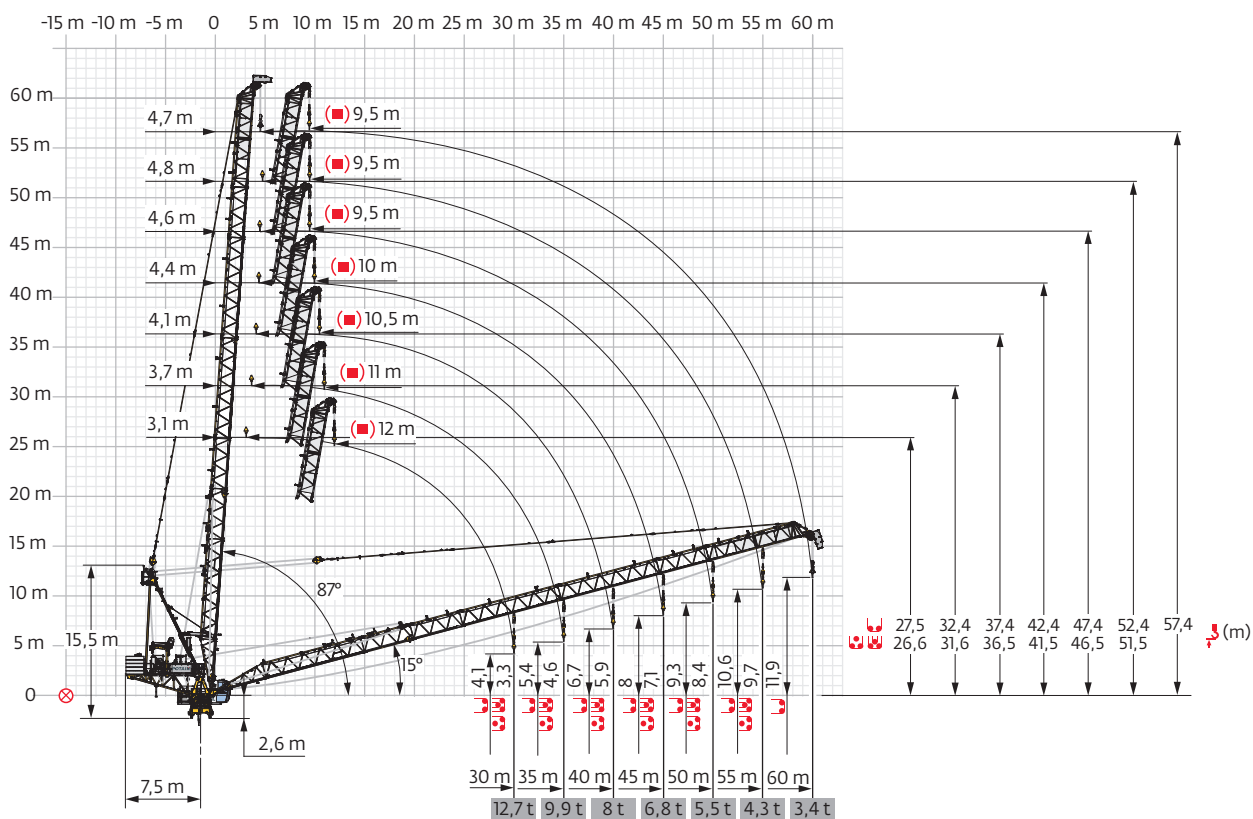
Poids de flèche & lest de contre-flèche / Auslegergewicht & Gegenauslegerballast / Jib weight & counter-jib ballast / Peso de flecha y lastre de contra-flecha / Peso del braccio & zavorra di contro-braccio / Peso da lança & lastro da contra lança  
Вес стрелы и балласт контр-стрелы

|      | ▲▲▲▲ (kg)<br>(+/- 5%) |                    |         |           |
|------|-----------------------|--------------------|---------|-----------|
|      | ▲▲▲▲                  | ▲▲▲ / ▲▲▲▲         |         |           |
| ▲▲▲▲ | ▲▲▲▲                  |                    | 7200 kg | ▲▲▲▲ (kg) |
| 60 m | 10900 (▲▲▲▲)          | 6700 / 4200 (▲▲▲▲) | 5       | 36000     |
| 55 m | 10800                 | 6700 / 4100        | 5       | 36000     |
| 50 m | 10200                 | 6700 / 3500        | 5       | 36000     |
| 45 m | 9500                  | 6700 / 2800        | 5       | 36000     |
| 40 m | 8500                  | 4400 / 4100        | 5       | 36000     |
| 35 m | 7900                  | 4400 / 3500        | 5       | 36000     |
| 30 m | 7200                  | 4400 / 2800        | 5       | 36000     |

CDJ - 7200 kg



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

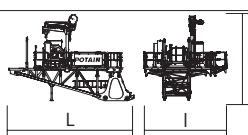
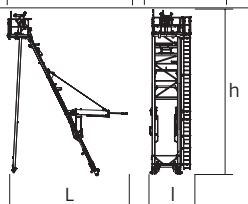
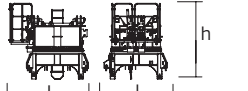
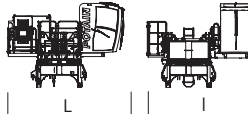
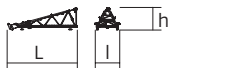
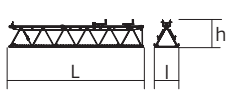
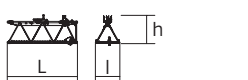
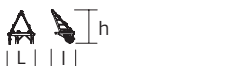
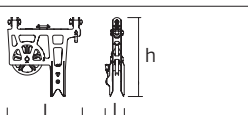
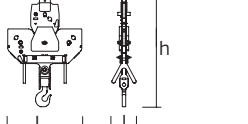


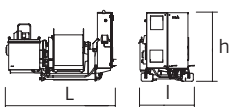
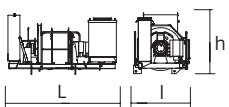
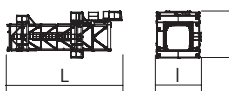
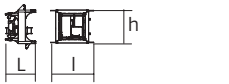
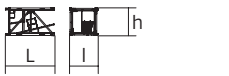
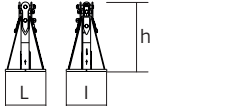
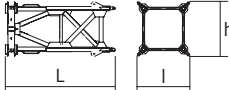
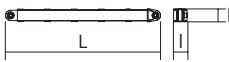
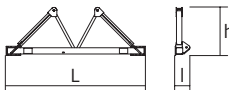
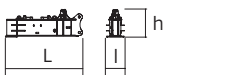
Encombrenment et poids / Abmessungen und Gewicht / Dimensions and weight / Dimensiones y peso / Ingombro e peso  
dimensões e pesos / габаритные размеры и вес

Partie tournante / Drehender Kranteil / Slewing crane part / Parte giratoria

Parte rotante / Parte rotativa / Поворотная часть :  60 m -  75/90 HPL™



| Partie tournante / Drehender Kranteil / Slewing crane part<br>Parte giratoria / Parte rotante / Parte rotativa<br>Поворотная часть                                                                                                                                                           |                                                                                     | L (m)                                                                               | I (m)        | h (m)        | kg<br>(+/- 5%) |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|--------------|----------------|------------|
| Contre-flèche / Gegenausleger<br>Counter-jib / Contra-flecha<br>Controbraccio / Contra-lança<br>Контр-стрела                                                                                                                                                                                 |    | 100 VVF                                                                             | 8,63         | 5,04         | 5,88           | 11105      |
| Poinçon / Auslegerhaltebock<br>Strut / Puntal<br>Puntone / Extrator<br>стойка                                                                                                                                                                                                                |    |                                                                                     | 7,2          | 2,75         | 11,53          | 6550       |
| Cabine / Kabine<br>Cab / Cabina<br>Cabina / Cabina<br>Кабина                                                                                                                                                                                                                                 |    | Ultra View                                                                          | 5,22         | 1,95         | 2,49           | 1850       |
| Pivot / Krankopf<br>Towerhead / Pivote<br>Portaralla / Pivot<br>Секция поворотной части                                                                                                                                                                                                      |   | ≥ 2 m                                                                               | 3,11         | 2,47         | 2,96           | 9500       |
|                                                                                                                                                                                                                                                                                              |  |                                                                                     | 5,22         | 4,79         | 3,8            | 11350      |
|                                                                                                                                                                                                                                                                                              |                                                                                     |                                                                                     |              |              |                |            |
| Elément de flèche / Auslegerelement<br>Jib section / Elemento de flecha<br>Elemento di braccio / Elemento de lança<br>Секция стрелы                                                                                                                                                          |  | ①                                                                                   | 5,89         | 2,18         | 1,86           | 1400       |
|                                                                                                                                                                                                                                                                                              |  | ②                                                                                   | 10,17        | 1,88         | 2,09           | 1400       |
|                                                                                                                                                                                                                                                                                              |                                                                                     | ⑤                                                                                   | 10,17        | 1,82         | 2,01           | 1300       |
|                                                                                                                                                                                                                                                                                              |                                                                                     | ⑥                                                                                   | 10,17        | 1,82         | 2,01           | 1250       |
|                                                                                                                                                                                                                                                                                              |                                                                                     | ⑦                                                                                   | 9,46         | 1,82         | 2,01           | 1400       |
|                                                                                                                                                                                                                                                                                              |  | ③                                                                                   | 5,17         | 1,82         | 2,09           | 960        |
|                                                                                                                                                                                                                                                                                              |                                                                                     | ④                                                                                   | 5,17         | 1,82         | 2,01           | 690        |
|                                                                                                                                                                                                                                                                                              |  |                                                                                     | 1,81         | 1,56         | 2,24           | 435        |
| Nacelle de pointe de flèche / Inspektionsplattform für<br>Auslegerspitze / Jib nose inspection platform / Plataforma<br>de inspección a la punta de flecha / Piattaforma d'ispe-<br>zione punta braccio / Plataforma de inspeção à ponta da<br>lança / Платформа для осмотра на конце стрелы |  |                                                                                     | 1,42         | 0,75         | 1,82           | 85         |
| Moufle / Hubflasche<br>Pulley block / Aparejo<br>Bozzello / Cadernal<br>Полиспаст                                                                                                                                                                                                            |  |                                                                                     | 1,26         | 0,29         | 1,33           | 155        |
|                                                                                                                                                                                                                                                                                              |  |                                                                                     | 0,62<br>1,63 | 0,27<br>0,46 | 1,16<br>1,7    | 365<br>415 |
|                                                                                                                                                                                                                                                                                              |                                                                                     |  |              | 1,63         | 0,46           | 2,37       |

|                                                                                                                                                                                                                                                 |                                                                                     |                                                                                  |                                                              |                                                            |                                                            |                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|
| 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>Подъёмная лебёдка (+ канатом)                                  |    | 75/90 HPL™<br>110/132 HPL™                                                       | 2,57<br>3,39                                                 | 1,32<br>1,75                                               | 1,71<br>1,93                                               | 2665<br>5240                                                 |
| 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>лебёдка подъёма стрелы (+ канатом) |    | 100 VVF                                                                          | 3,22                                                         | 1,67                                                       | 1,79                                                       | 3605                                                         |
| <b>Pyliône / Kranturm / Crane tower</b><br><b>Mástil / Torre / Torre</b><br><b>Башня крана</b>                                                                                                                                                  |                                                                                     |                                                                                  | <b>L (m)</b>                                                 | <b>I (m)</b>                                               | <b>h (m)</b>                                               | <b>kg</b><br>(+/- 5%)                                        |
| T 61<br>T 851                                                                                                                                                                                                                                   |    | □ 2 m<br>□ 2,45 m                                                                | 10,83<br>11,18                                               | 4,14<br>4,84                                               | 4,47<br>5,8                                                | 9700<br>15750                                                |
| K80/KR60-2<br>Mât raccord / Verbindungsmast<br>Connecting mast / Tramo unión<br>Elemento raccordo / Tramo raccord<br>Переходная мачта                                                                                                           |    | □ 2,45/2 m                                                                       | 2,23                                                         | 3,25                                                       | 2,48                                                       | 4015                                                         |
| K 649B<br>KM 649E<br>KRM 6410B<br>KRM 849B                                                                                                                                                                                                      |    | □ 2 m<br>□ 2 m<br>□ 2 m<br>□ 2,45 m                                              | 10,23<br>10,29<br>10,23<br>10,24                             | 2,07<br>2,03<br>2,1<br>2,55                                | 2,03<br>2,03<br>2,08<br>2,53                               | 5290<br>4850<br>7100<br>7800                                 |
| K 649A<br>KMT 649A<br>KR 649A<br>KRMT 649A<br>K 849A<br>KMT 849A<br>KR 849A<br>KRMT 849A                                                                                                                                                        |    | □ 2 m<br>□ 2 m<br>□ 2 m<br>□ 2 m<br>□ 2,45 m<br>□ 2,45 m<br>□ 2,45 m<br>□ 2,45 m | 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>2,55<br>2,53<br>2,55 | 2,03<br>2,03<br>2,08<br>2,08<br>2,5<br>2,53<br>2,5<br>2,53 | 2805<br>2570<br>3250<br>3050<br>3400<br>3150<br>4290<br>4090 |
| K 649C<br>KMT 649C<br>KRMT 649C<br>KRMT 849C                                                                                                                                                                                                    |  | □ 2 m<br>□ 2 m<br>□ 2 m<br>□ 2,45 m                                              | 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                                 |
| Pieds de scellement / Verankerungsfüße<br>Fixing angles / Pie de empotramiento<br>Montante da annegare / Angulos fixadores<br>анкера                                                                                                            |  | P 63A / P 800B                                                                   | 0,75                                                         | 0,75                                                       | 1,28                                                       | 465                                                          |
| Mât-châssis / Grundmasteinheit<br>Basic mast unit / Tramo-chasis<br>Elemento base / Tramo-chassis<br>Мачта для крепления к шасси                                                                                                                |  | V 60A<br>V 63A                                                                   | 5,01<br>10,02                                                | 2,41<br>2,41                                               | 2,41<br>2,41                                               | 4760<br>7660                                                 |
| Haubans / Mastabstützungen / Struts / Tornapuntas<br>Puntoni / Escoras / Растяжка                                                                                                                                                               |  | V 60A<br>V 63A                                                                   | 4,51<br>4,51                                                 | 0,29<br>0,33                                               | 0,29<br>0,33                                               | 470<br>560                                                   |
| Sommier / Unterwagenhälfte<br>Half-bearer / Testero<br>Testata / Estrutura base<br>Траверса                                                                                                                                                     |  | V 60A<br>V 63A                                                                   | 6,7<br>6,7                                                   | 0,7<br>0,7                                                 | 2,31<br>2,31                                               | 1840<br>1860                                                 |
| 1/2 Bras de croix / 1/2 Fundamentkreuzträger<br>1/2 Cross girder / 1/2 Braço en cruz<br>1/2 Braccio croce / 1/2 Braço da cruz<br>1/2 Поперечная балка                                                                                           |  | ZX 640                                                                           | 4,35                                                         | 1                                                          | 1,56                                                       | 3320                                                         |
| Bras de croix / Fundamentkreuzträger<br>Cross girder / Braço en cruz /<br>Braccio croce / Braço da cruz<br>Поперечная балка                                                                                                                     |  | ZX 640                                                                           | 9,15                                                         | 1,19                                                       | 1,56                                                       | 6880                                                         |

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                  | 75 HPL™ 40                                                                        | m/min                  | 33,5                                                                              | 44   | 63    | 110   | 167   | 17,5                                                                               | 23   | 33   | 57,5 | 83,5  | 75            | 55      | 539 m                                                                               |
|                                                                                   |                                |                                                                                   | t                      | 8                                                                                 | 6    | 4     | 2     | 0,5   | 16                                                                                 | 12   | 8    | 4    | 1,4   |               |         |                                                                                     |
|                                                                                   |                                | 110 HPL™ 40                                                                       | m/min                  | 50,5                                                                              | 65,5 | 92    | 134   | 194   | 26                                                                                 | 34   | 48   | 68,5 | 102,5 | 110           | 82      | 1140 m                                                                              |
|                                                                                   |                                |                                                                                   | t                      | 8                                                                                 | 6    | 4     | 2     | 0,2   | 16                                                                                 | 12   | 8    | 4    | 0,4   |               |         |                                                                                     |
|                                                                                   | 480 V - 60 Hz                  | 90 HPL™ 40                                                                        | m/min                  | 40,5                                                                              | 53   | 76    | 111,5 | 167   | 21                                                                                 | 27,5 | 39,5 | 58   | 83,5  | 90            | 66      | 539 m                                                                               |
|                                                                                   |                                |                                                                                   | t                      | 8                                                                                 | 6    | 4     | 2     | 0,5   | 16                                                                                 | 12   | 8    | 4    | 1,4   |               |         |                                                                                     |
|                                                                                   |                                | 132 HPL™ 40                                                                       | m/min                  | 60,5                                                                              | 79   | 110,5 | 160   | 204,5 | 31                                                                                 | 41   | 57,5 | 82   | 102,5 | 132           | 98      | 1140 m                                                                              |
|                                                                                   |                                |                                                                                   | t                      | 8                                                                                 | 6    | 4     | 2     | 0,7   | 16                                                                                 | 12   | 8    | 4    | 1,8   |               |         |                                                                                     |
|  | 400 V - 50 Hz<br>480 V - 60 Hz | 100 VVF 50                                                                        |                        | 2 min                                                                             |      |       |       |       |                                                                                    |      |      |      |       | 100           | 75      |  |
|  |                                | RVF 172 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 | 75 HPL™ + 100 VVF : 159 → 89 kVA | 110 HPL™ + 100 VVF : 187 → 103 kVA |  |  |
| 480 V (+6% -10%) 60 Hz  | 90 HPL™ + 100 VVF : 171 → 95 kVA | 132 HPL™ + 100 VVF : 205 → 112 kVA |  |  |

| FR                                                                                  | DE                                                                                                           | EN                                                                                                     | ES                                                                                                                              | IT                                                                                                      | PT                                                                                                                | RU                                                                                                                      |                                                                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|    | 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)                                                                                                   |
|    | Fonction Potain Plus : Courbes de charges Plus                                                               | Funktion Potain Plus: Plus-Lastkurven                                                                  | Potain Plus function: Plus load curves                                                                                          | Función Potain Plus: Diagrama de cargas Plus                                                            | Funzione Potain Plus: Curve di carico Plus                                                                        | Função Potain Plus: Diagrama de cargas Plus                                                                             | Функция контроля мощности Potain Plus: Диаграммы грузоподъемности Plus                                                                |
|  | Hauteurs sous crochet associées aux courbes de charges Plus                                                  | Hakenhöhen mit Plus-Lastkurven                                                                         | Hook heights with Plus load curves                                                                                              | Altura bajo gancho, usando el diagrama de cargas Plus                                                   | Altezza sotto gancio con curve di carico Plus                                                                     | Altura livre, utilizando o diagrama de cargas Plus                                                                      | Высота под крюком для диаграмм грузоподъемности Plus                                                                                  |
|  | Réactions en service                                                                                         | Reaktionskräfte in Betrieb                                                                             | Reactions in service                                                                                                            | Reacciones en servicio                                                                                  | Reazioni in servizio                                                                                              | Reacções em serviço                                                                                                     | Реакция при работе                                                                                                                    |
|  | Réactions hors service                                                                                       | Reaktionskräfte außer Betrieb                                                                          | Reactions out of service                                                                                                        | Reacciones fuera de servicio                                                                            | Reazioni fuori servizio                                                                                           | Reacções fora de serviço                                                                                                | Реакция в покое                                                                                                                       |
|  | Distance entre cadres                                                                                        | Abstand zwischen den Rahmen                                                                            | Distance between collars                                                                                                        | Distancia entre 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                                                                                     | Loser 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                                                                                      | Auslegergelenk-achse                                                                                   | 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                                                                                       | Weathervaning 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                                                                                                           | Рзусовой 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                                                                                                       | Translação                                                                                                              | Перемещение крана                                                                                                                     |
|  | Puissance requise                                                                                            | Erforderliche Leistung                                                                                 | Required power                                                                                                                  | Potencia Necesaria                                                                                      | Potenza richiesta                                                                                                 | Potência Necessária                                                                                                     | Потребляемая мощность                                                                                                                 |
|  | Fonction Power Control : vitesses treuils adaptés 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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