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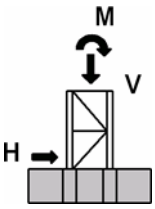
# 10 Anhang

## 10.1 Statische Daten

### 10.1.1 Fundamentbelastungen T 100, 27,0 – 61,0 m Auslegerlänge

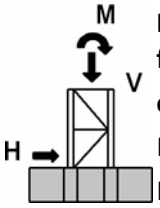



**Fundamentbelastungen nach DIN EN14439/2010**
**für stationären Turmdrehkran auf Betonfundament gemäß Turmkombinationen T 100,**
**ohne Kletterwerk.**
M = Moment
H = Horizontallast
V = Vertikallast

| Turm-höhe [m] | Kran in Betrieb Drehmoment = 318 KNm Hublast = 320 kN | | | Kran außer Betrieb Windregion: C25 | | | Montage | | |
|---|---|---|---|---|---|---|---|---|---|
| | M [KNm] | H [KN] | V [KN] | M [KNm] | H [KN] | V [KN] | M [KNm] | H [KN] | V [KN] |
| 6,5 | 6050 | 24 | 1454 | 3100 | 72 | 1278 | 5431 | 19 | 939 |
| 12,9 | 6238 | 26 | 1523 | 2554 | 72 | 1348 | 5573 | 21 | 1008 |
| 19,4 | 6457 | 28 | 1593 | 2927 | 97 | 1520 | 5740 | 23 | 1078 |
| 25,8 | 6713 | 31 | 1663 | 3724 | 109 | 1589 | 5933 | 25 | 1147 |
| 32,3 | 7007 | 33 | 1732 | 4758 | 176 | 1659 | 6155 | 27 | 1217 |
| 38,7 | 7345 | 35 | 1802 | 6273 | 189 | 1729 | 6407 | 30 | 1287 |
| 45,2 | 7830 | 56 | 1798 | 7945 | 202 | 1798 | 6692 | 32 | 1356 |
| 51,6 | 8385 | 58 | 1868 | 9792 | 215 | 1868 | 7015 | 34 | 1426 |
| 58,1 | 9003 | 60 | 1937 | 11839 | 228 | 1937 | 7378 | 36 | 1495 |
| 64,5 | 9695 | 62 | 2007 | 12623 | 233 | 1984 | 7786 | 38 | 1565 |
| 71,0 | 10473 | 65 | 2076 | 13249 | 192 | 2076 | 8246 | 40 | 1634 |
| | | | | | | | | | |
| ab 64,5 m Turmhöhe in maximaler Ausladung parken | | | | | | | | | |

*Tab. 10-1: Fundamentbelastungen T 100*

## 10.1.2 Fundamentbelastungen T 100 – E 33, 27,0 – 61,0 m Auslegerlänge




**Fundamentbelastungen nach DIN EN14439/2010**
**für stationären Turmdrehkran auf Betonfundament gemäß Turmkombinationen T 100 – E 33, ohne Kletterwerk.**

M = Moment
H = Horizontallast
V = Vertikallast

| Turm-höhe [m] | Kran in Betrieb Drehmoment = 318 KNm Hublast = 320 kN | | | Kran außer Betrieb Windregion: C25 | | | Montage | | |
|---|---|---|---|---|---|---|---|---|---|
| | M [KNm] | H [KN] | V [KN] | M [KNm] | H [KN] | V [KN] | M [KNm] | H [KN] | V [KN] |
| 6,5 | 6050 | 24 | 1454 | 3100 | 72 | 1278 | 5431 | 19 | 939 |
| 12,9 | 6238 | 26 | 1523 | 2554 | 72 | 1348 | 5573 | 21 | 1008 |
| 19,4 | 6457 | 28 | 1593 | 2927 | 97 | 1520 | 5740 | 23 | 1078 |
| 25,8 | 6713 | 31 | 1663 | 3724 | 109 | 1589 | 5933 | 25 | 1147 |
| 32,3 | 7007 | 33 | 1732 | 4758 | 176 | 1659 | 6155 | 27 | 1217 |
| 38,7 | 7345 | 35 | 1802 | 6273 | 189 | 1729 | 6407 | 30 | 1287 |
| 45,2 | 7830 | 56 | 1798 | 7945 | 202 | 1798 | 6692 | 32 | 1356 |
| 51,6 | 8385 | 58 | 1868 | 9792 | 215 | 1868 | 7015 | 34 | 1426 |
| 65,3 | 9647 | 63 | 2033 | 14226 | 246 | 2033 | 7764 | 39 | 1591 |
| 70,3 | 10078 | 67 | 2132 | 15946 | 263 | 2132 | 8028 | 43 | 1690 |
| 75,3 | 10544 | 72 | 2231 | 17811 | 281 | 2231 | 8322 | 47 | 1789 |
| 80,3 | 11049 | 76 | 2330 | 19838 | 301 | 2330 | 8646 | 52 | 1888 |
| 85,3 | 11594 | 80 | 2429 | 22040 | 321 | 2429 | 9002 | 56 | 1987 |
| 90,3 | 12182 | 84 | 2528 | 24430 | 2528 | 342 | 9391 | 60 | 2086 |
| 95,3 | 12817 | 88 | 2627 | 25040 | 354 | 2603 | 9815 | 64 | 2185 |
| 100,3 | 13502 | 92 | 2726 | 27752 | 376 | 2702 | 10276 | 68 | 2284 |
| 105,3 | 14241 | 96 | 2825 | 26663 | 378 | 2771 | 10776 | 72 | 2383 |
| | | | | | | | | | |
| ab 95,3 m Turmhöhe in maximaler Ausladung parken | | | | | | | | | |

*Tab. 10-2: Fundamentbelastungen T 100 – E 33*

## 10.1.3 Zentralballaste und Ecklasten

Hinweis.
Sie können den WILBERT Turmdrehkran WT 555L *e.tronic* auch auf Basiselementen montieren, die hier nicht aufgeführt sind. Dafür brauchen Sie jedoch zwingend einen Nachweis des Herstellers über die Belastung, der an der Baustelle vorliegen muss.

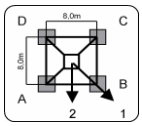
**Berechnungsgrundlage**

Wir haben die Berechnungen zur Standsicherheit auf Basis der DIN EN 14439/2010 durchgeführt.

### 10.1.3.1 Kreuzrahmen KRT 10-80.2

Alle Angaben beziehen sich auf einen Turmdrehkran WT 555L *e.tronic* auf Kreuzrahmen Typ KRT 10-80.2, stationär, gemäß Turmkombination T 100 ohne Kletterwerk.

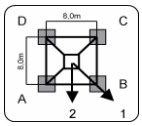
**27,0 m Auslegerlänge**




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb, Drehmoment: 318 KNm, Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb, Windregion : C25, Drehmoment: 0 KNm, Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,7 | 25 | 1 | 359 | 939 | 359 | 0 | 39 | 1 | 414 | 678 | 414 | 150 | 86 |
| | | 2 | 746 | 746 | 82 | 82 | | 2 | 601 | 601 | 227 | 227 | |
| 14,1 | 25 | 1 | 372 | 982 | 372 | 0 | 41 | 1 | 431 | 648 | 431 | 215 | 98 |
| | | 2 | 779 | 779 | 84 | 84 | | 2 | 584 | 584 | 279 | 279 | |
| 20,6 | 25 | 1 | 383 | 1030 | 383 | 0 | 43 | 1 | 449 | 612 | 449 | 285 | 111 |
| | | 2 | 813 | 813 | 84 | 84 | | 2 | 565 | 565 | 333 | 333 | |
| 27,0 | 25 | 1 | 391 | 1084 | 391 | 0 | 45 | 1 | 466 | 569 | 466 | 363 | 123 |
| | | 2 | 850 | 850 | 83 | 83 | | 2 | 539 | 539 | 394 | 394 | |
| 33,5 | 25 | 1 | 396 | 1144 | 396 | 0 | 48 | 1 | 354 | 602 | 354 | 106 | 135 |
| | | 2 | 888 | 888 | 79 | 79 | | 2 | 529 | 529 | 178 | 178 | |
| 39,9 | 40 | 1 | 472 | 1210 | 472 | 0 | 50 | 1 | 409 | 675 | 409 | 143 | 147 |
| | | 2 | 967 | 967 | 111 | 111 | | 2 | 606 | 606 | 471 | 471 | |
| 46,4 | 55 | 1 | 545 | 1284 | 545 | 0 | 52 | 1 | 593 | 790 | 593 | 397 | 160 |
| | | 2 | 1048 | 1048 | 139 | 139 | | 2 | 732 | 732 | 455 | 455 | |
| 52,8 | 80 | 1 | 664 | 1367 | 664 | 0 | 54 | 1 | 673 | 982 | 673 | 365 | 172 |
| | | 2 | 1157 | 1157 | 190 | 190 | | 2 | 892 | 892 | 455 | 455 | |

*Tab. 10-3: Zentralballast und Ecklasten KRT 10-80.2 für Turmkombination T 100, 27,0 m Ausleger*

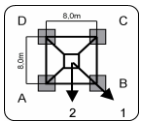
### 33,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb – Drehmoment: 318 KNm – Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb – Windregion : C25 – Drehmoment: 0 KNm – Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,7 | 25 | 1 | 368 | 938 | 368 | 0 | 41 | 1 | 419 | 645 | 419 | 192 | 95 |
| | | 2 | 750 | 750 | 87 | 87 | | 2 | 579 | 579 | 259 | 259 | |
| 14,1 | 25 | 1 | 381 | 983 | 381 | 0 | 43 | 1 | 436 | 603 | 436 | 269 | 108 |
| | | 2 | 784 | 784 | 88 | 88 | | 2 | 554 | 554 | 318 | 318 | |
| 20,6 | 25 | 1 | 390 | 1033 | 390 | 0 | 45 | 1 | 453 | 566 | 453 | 341 | 121 |
| | | 2 | 819 | 819 | 88 | 88 | | 2 | 533 | 533 | 374 | 374 | |
| 27,0 | 25 | 1 | 397 | 1089 | 397 | 0 | 47 | 1 | 336 | 570 | 336 | 103 | 133 |
| | | 2 | 856 | 856 | 86 | 86 | | 2 | 506 | 506 | 435 | 435 | |
| 33,5 | 30 | 1 | 426 | 1150 | 426 | 0 | 49 | 1 | 366 | 616 | 366 | 117 | 146 |
| | | 2 | 908 | 908 | 94 | 94 | | 2 | 552 | 552 | 449 | 449 | |
| 39,9 | 45 | 1 | 502 | 1219 | 502 | 0 | 51 | 1 | 556 | 727 | 556 | 384 | 158 |
| | | 2 | 987 | 987 | 124 | 124 | | 2 | 676 | 676 | 435 | 435 | |
| 46,4 | 70 | 1 | 623 | 1295 | 623 | 0 | 54 | 1 | 635 | 916 | 635 | 354 | 171 |
| | | 2 | 1094 | 1094 | 177 | 177 | | 2 | 834 | 834 | 437 | 437 | |
| 52,8 | 95 | 1 | 715 | 1406 | 715 | 25 | 56 | 1 | 715 | 1119 | 715 | 312 | 183 |
| | | 2 | 1204 | 1204 | 227 | 227 | | 2 | 1000 | 1000 | 430 | 430 | |

*Tab. 10-4: Zentralballast und Ecklasten KRT 10-80.2 für Turmkombination T 100, 33,0 m Ausleger*

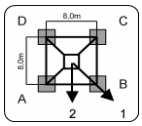
### 38,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb – Drehmoment: 318 KNm – Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb – Windregion : C25 – Drehmoment: 0 KNm – Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,7 | 25 | 1 | 374 | 943 | 374 | 0 | 43 | 1 | 423 | 605 | 423 | 240 | 104 |
| | | 2 | 756 | 756 | 89 | 89 | | 2 | 552 | 552 | 293 | 293 | |
| 14,1 | 25 | 1 | 386 | 989 | 386 | 0 | 45 | 1 | 440 | 555 | 440 | 325 | 117 |
| | | 2 | 790 | 790 | 90 | 90 | | 2 | 521 | 521 | 358 | 358 | |
| 20,6 | 25 | 1 | 394 | 1041 | 394 | 0 | 47 | 1 | 319 | 539 | 319 | 99 | 129 |
| | | 2 | 826 | 826 | 89 | 89 | | 2 | 494 | 494 | 421 | 421 | |
| 27,0 | 25 | 1 | 401 | 1098 | 401 | 0 | 49 | 1 | 336 | 571 | 336 | 102 | 142 |
| | | 2 | 863 | 863 | 86 | 86 | | 2 | 508 | 508 | 442 | 442 | |
| 33,5 | 35 | 1 | 454 | 1162 | 454 | 0 | 51 | 1 | 517 | 659 | 517 | 375 | 155 |
| | | 2 | 928 | 928 | 106 | 106 | | 2 | 618 | 618 | 417 | 417 | |
| 39,9 | 55 | 1 | 553 | 1233 | 553 | 0 | 53 | 1 | 585 | 833 | 585 | 336 | 167 |
| | | 2 | 1020 | 1020 | 149 | 149 | | 2 | 760 | 760 | 409 | 409 | |
| 46,4 | 80 | 1 | 664 | 1320 | 664 | 9 | 56 | 1 | 664 | 1031 | 664 | 298 | 180 |
| | | 2 | 1128 | 1128 | 201 | 201 | | 2 | 923 | 923 | 405 | 405 | |

*Tab. 10-5: Zentralballast und Ecklasten KRT 10-80.2 für Turmkombination T 100, 38,0 m Ausleger*

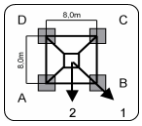
### 44,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb, Drehmoment: 318 KNm, Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb, Windregion : C25, Drehmoment: 0 KNm, Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,7 | 35 | 1 | 428 | 950 | 428 | 0 | 44 | 1 | 451 | 598 | 451 | 304 | 113 |
| | | 2 | 787 | 787 | 115 | 115 | | 2 | 555 | 555 | 347 | 347 | |
| 14,1 | 35 | 1 | 439 | 998 | 439 | 0 | 46 | 1 | 360 | 583 | 360 | 136 | 125 |
| | | 2 | 822 | 822 | 116 | 116 | | 2 | 520 | 520 | 417 | 417 | |
| 20,6 | 35 | 1 | 447 | 1051 | 447 | 0 | 49 | 1 | 377 | 614 | 377 | 140 | 138 |
| | | 2 | 858 | 858 | 114 | 114 | | 2 | 545 | 545 | 210 | 210 | |
| 27,0 | 35 | 1 | 452 | 1111 | 452 | 0 | 51 | 1 | 395 | 646 | 395 | 143 | 151 |
| | | 2 | 896 | 896 | 111 | 111 | | 2 | 575 | 575 | 432 | 432 | |
| 33,5 | 45 | 1 | 504 | 1177 | 504 | 0 | 53 | 1 | 546 | 750 | 546 | 342 | 164 |
| | | 2 | 962 | 962 | 130 | 130 | | 2 | 690 | 690 | 402 | 402 | |
| 39,9 | 70 | 1 | 626 | 1251 | 626 | 1 | 55 | 1 | 626 | 943 | 626 | 308 | 176 |
| | | 2 | 1068 | 1068 | 184 | 184 | | 2 | 850 | 850 | 401 | 401 | |
| 46,4 | 95 | 1 | 706 | 1371 | 706 | 40 | 57 | 1 | 706 | 1149 | 706 | 262 | 189 |
| | | 2 | 1176 | 1176 | 235 | 235 | | 2 | 1019 | 1019 | 392 | 392 | |

*Tab. 10-6: Zentralballast und Ecklasten KRT 10-80.2 für Turmkombination T 100, 44,0 m Ausleger*

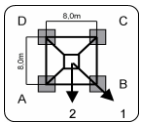
### 50,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb, Drehmoment: 318 KNm, Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb, Windregion : C25, Drehmoment: 0 KNm, Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,7 | 55 | 1 | 533 | 1005 | 533 | 61 | 46 | 1 | 397 | 707 | 397 | 87 | 121 |
| | | 2 | 867 | 867 | 199 | 199 | | 2 | 616 | 616 | 177 | 177 | |
| 14,1 | 55 | 1 | 550 | 1039 | 550 | 62 | 48 | 1 | 414 | 736 | 414 | 92 | 134 |
| | | 2 | 896 | 896 | 205 | 205 | | 2 | 642 | 642 | 186 | 186 | |
| 20,6 | 55 | 1 | 568 | 1076 | 568 | 60 | 50 | 1 | 431 | 767 | 431 | 96 | 146 |
| | | 2 | 927 | 927 | 208 | 208 | | 2 | 669 | 669 | 194 | 194 | |
| 27,0 | 55 | 1 | 557 | 1118 | 557 | 0 | 52 | 1 | 449 | 800 | 449 | 97 | 159 |
| | | 2 | 960 | 960 | 210 | 210 | | 2 | 697 | 697 | 200 | 200 | |
| 33,5 | 55 | 1 | 558 | 1186 | 558 | 0 | 55 | 1 | 576 | 860 | 576 | 291 | 172 |
| | | 2 | 996 | 996 | 209 | 209 | | 2 | 777 | 777 | 375 | 375 | |
| 39,9 | 80 | 1 | 656 | 1286 | 656 | 25 | 57 | 1 | 656 | 1061 | 656 | 250 | 185 |
| | | 2 | 1102 | 1102 | 210 | 210 | | 2 | 942 | 942 | 369 | 369 | |

*Tab. 10-7: Zentralballast und Ecklasten KRT 10-80.2 für Turmkombination T 100, 33,0 m Ausleger*

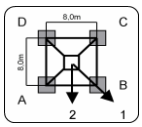
### 56,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb Drehmoment: 318 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb Windregion : C25 Drehmoment: 0 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,7 | 55 | 1 | 531 | 1028 | 531 | 34 | 48 | 1 | 399 | 781 | 399 | 17 | 130 |
| | | 2 | 883 | 883 | 179 | 179 | | 2 | 669 | 669 | 129 | 129 | |
| 14,1 | 55 | 1 | 548 | 1062 | 548 | 34 | 50 | 1 | 416 | 811 | 416 | 22 | 142 |
| | | 2 | 912 | 912 | 185 | 185 | | 2 | 695 | 695 | 137 | 137 | |
| 20,6 | 55 | 1 | 566 | 1099 | 566 | 32 | 52 | 1 | 434 | 843 | 434 | 25 | 155 |
| | | 2 | 943 | 943 | 189 | 189 | | 2 | 723 | 723 | 145 | 145 | |
| 27,0 | 55 | 1 | 583 | 1139 | 583 | 27 | 54 | 1 | 451 | 877 | 451 | 26 | 168 |
| | | 2 | 976 | 976 | 190 | 190 | | 2 | 752 | 752 | 150 | 150 | |
| 33,5 | 65 | 1 | 625 | 1207 | 625 | 44 | 56 | 1 | 603 | 959 | 603 | 248 | 181 |
| | | 2 | 1037 | 1037 | 214 | 214 | | 2 | 855 | 855 | 352 | 352 | |
| 39,9 | 90 | 1 | 683 | 1322 | 683 | 45 | 58 | 1 | 683 | 1167 | 683 | 199 | 194 |
| | | 2 | 1137 | 1137 | 273 | 273 | | 2 | 1025 | 1025 | 341 | 341 | |

*Tab. 10-8: Zentralballast und Ecklasten KRT 10-80.2 für Turmkombination T 100, 56,0 m Ausleger*

### 61,0 m Auslegerlänge



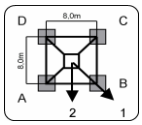

| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb Drehmoment: 318 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb Windregion : C25 Drehmoment: 0 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,7 | 45 | 1 | 504 | 1003 | 504 | 5 | 51 | 1 | 276 | 964 | 276 | 0 | 132 |
| | | 2 | 857 | 857 | 152 | 152 | | 2 | 720 | 720 | 38 | 38 | |
| 14,1 | 45 | 1 | 522 | 1037 | 522 | 6 | 53 | 1 | 298 | 990 | 298 | 0 | 144 |
| | | 2 | 886 | 886 | 157 | 157 | | 2 | 747 | 747 | 46 | 46 | |
| 20,6 | 45 | 1 | 505 | 1089 | 505 | 0 | 55 | 1 | 318 | 1020 | 318 | 0 | 157 |
| | | 2 | 918 | 918 | 161 | 161 | | 2 | 775 | 775 | 53 | 53 | |
| 27,0 | 45 | 1 | 507 | 1155 | 507 | 0 | 57 | 1 | 336 | 1055 | 336 | 0 | 170 |
| | | 2 | 951 | 951 | 162 | 162 | | 2 | 804 | 804 | 58 | 58 | |
| 33,5 | 45 | 1 | 505 | 1228 | 505 | 0 | 59 | 1 | 351 | 1094 | 351 | 0 | 183 |
| | | 2 | 993 | 993 | 125 | 125 | | 2 | 898 | 898 | 221 | 221 | |
| 39,9 | 65 | 1 | 600 | 1308 | 600 | 0 | 61 | 1 | 627 | 1237 | 627 | 16 | 196 |
| | | 2 | 1089 | 1089 | 164 | 164 | | 2 | 1058 | 1058 | 195 | 195 | |

*Tab. 10-9: Zentralballast und Ecklasten KRT 10-80.2 für Turmkombination T 100, 61,0 m Ausleger*

### 10.1.3.2 Kreuzrahmen KRT 16-100 (8x8m)

Alle Angaben beziehen sich auf einen Turmdrehkran WT 555L *e.tronic* auf Kreuzrahmen Typ KRT 16-100 (8x8m), stationär, gemäß Turmkombination T 100 ohne Kletterwerk.

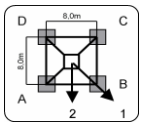
**27,0 m Auslegerlänge**




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb – Drehmoment: 318 KNm – Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb – Windregion : C25 – Drehmoment: 0 KNm – Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 10 | 1 | 361 | 945 | 361 | 0 | 40 | 1 | 417 | 674 | 417 | 160 | 90 |
| | | 2 | 751 | 751 | 82 | 82 | | 2 | 598 | 598 | 235 | 235 | |
| 14,9 | 10 | 1 | 374 | 988 | 374 | 0 | 42 | 1 | 434 | 643 | 434 | 225 | 103 |
| | | 2 | 783 | 783 | 84 | 84 | | 2 | 582 | 582 | 286 | 286 | |
| 21,4 | 10 | 1 | 385 | 1037 | 385 | 0 | 44 | 1 | 451 | 607 | 451 | 296 | 115 |
| | | 2 | 818 | 818 | 85 | 85 | | 2 | 561 | 561 | 341 | 341 | |
| 27,8 | 10 | 1 | 392 | 1091 | 393 | 0 | 47 | 1 | 339 | 573 | 339 | 104 | 128 |
| | | 2 | 854 | 854 | 83 | 83 | | 2 | 535 | 535 | 402 | 402 | |
| 34,3 | 10 | 1 | 397 | 1151 | 398 | 0 | 49 | 1 | 356 | 607 | 356 | 106 | 140 |
| | | 2 | 893 | 893 | 79 | 79 | | 2 | 533 | 533 | 179 | 179 | |
| 40,7 | 25 | 1 | 473 | 1218 | 474 | 0 | 51 | 1 | 411 | 680 | 411 | 143 | 152 |
| | | 2 | 972 | 972 | 111 | 111 | | 2 | 617 | 617 | 465 | 465 | |
| 47,2 | 45 | 1 | 571 | 1292 | 571 | 0 | 53 | 1 | 608 | 818 | 609 | 399 | 165 |
| | | 2 | 1065 | 1065 | 152 | 152 | | 2 | 757 | 757 | 460 | 460 | |
| 53,6 | 65 | 1 | 664 | 1375 | 665 | 0 | 55 | 1 | 676 | 999 | 676 | 352 | 177 |
| | | 2 | 1162 | 1162 | 190 | 190 | | 2 | 905 | 905 | 447 | 447 | |
| 60,1 | 95 | 1 | 768 | 1502 | 769 | 34 | 57 | 1 | 768 | 1219 | 768 | 318 | 190 |
| | | 2 | 1287 | 1287 | 249 | 249 | | 2 | 1087 | 1087 | 450 | 450 | |
| 66,5 | 125 | 1 | 860 | 1647 | 861 | 75 | 60 | 1 | 860 | 1452 | 861 | 269 | 202 |
| | | 2 | 1416 | 1416 | 305 | 305 | | 2 | 1279 | 1279 | 442 | 442 | |

*Tab. 10-10: Zentralballast und Ecklasten KRT 16-100 (8x8m) für Turmkombination T 100, 27,0 m Ausleger*

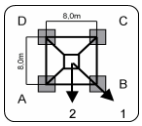
### 33,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb Drehmoment: 318 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb Windregion : C25 Drehmoment: 0 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 5 | 1 | 345 | 944 | 345 | 0 | 42 | 1 | 408 | 627 | 409 | 190 | 100 |
| | | 2 | 742 | 742 | 75 | 75 | | 2 | 563 | 563 | 254 | 254 | |
| 14,9 | 5 | 1 | 357 | 989 | 358 | 0 | 44 | 1 | 426 | 585 | 426 | 266 | 113 |
| | | 2 | 776 | 776 | 76 | 76 | | 2 | 539 | 539 | 313 | 313 | |
| 21,4 | 5 | 1 | 367 | 1039 | 367 | 0 | 46 | 1 | 443 | 548 | 443 | 339 | 125 |
| | | 2 | 811 | 811 | 76 | 76 | | 2 | 517 | 517 | 369 | 369 | |
| 27,8 | 5 | 1 | 374 | 1095 | 374 | 0 | 48 | 1 | 326 | 562 | 327 | 91 | 138 |
| | | 2 | 848 | 848 | 73 | 73 | | 2 | 493 | 493 | 160 | 160 | |
| 34,3 | 15 | 1 | 428 | 1157 | 428 | 0 | 51 | 1 | 369 | 621 | 369 | 117 | 150 |
| | | 2 | 912 | 912 | 94 | 94 | | 2 | 563 | 563 | 443 | 443 | |
| 40,7 | 35 | 1 | 528 | 1227 | 528 | 0 | 53 | 1 | 570 | 755 | 571 | 386 | 163 |
| | | 2 | 1004 | 1004 | 137 | 137 | | 2 | 701 | 701 | 440 | 440 | |
| 47,2 | 55 | 1 | 624 | 1303 | 625 | 0 | 55 | 1 | 638 | 934 | 638 | 342 | 176 |
| | | 2 | 1099 | 1099 | 177 | 177 | | 2 | 847 | 847 | 429 | 429 | |
| 53,6 | 80 | 1 | 718 | 1412 | 718 | 23 | 57 | 1 | 718 | 1137 | 718 | 299 | 188 |
| | | 2 | 1209 | 1209 | 227 | 227 | | 2 | 1014 | 1014 | 422 | 422 | |
| 60,1 | 110 | 1 | 810 | 1553 | 811 | 68 | 59 | 1 | 810 | 1367 | 810 | 254 | 201 |
| | | 2 | 1335 | 1335 | 285 | 285 | | 2 | 1204 | 1204 | 417 | 417 | |

*Tab. 10-11: Zentralballast und Ecklasten KRT 16-100 (8x8m) für Turmkombination T 100, 33,0 m Ausleger*

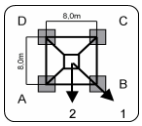
### 38,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb Drehmoment: 318 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb Windregion : C25 Drehmoment: 0 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 10 | 1 | 376 | 949 | 376 | 0 | 44 | 1 | 425 | 599 | 425 | 251 | 109 |
| | | 2 | 761 | 761 | 89 | 89 | | 2 | 548 | 548 | 302 | 302 | |
| 14,9 | 10 | 1 | 387 | 996 | 388 | 0 | 46 | 1 | 442 | 548 | 442 | 337 | 122 |
| | | 2 | 795 | 795 | 90 | 90 | | 2 | 517 | 517 | 368 | 368 | |
| 21,4 | 10 | 1 | 396 | 1048 | 396 | 0 | 48 | 1 | 321 | 544 | 322 | 99 | 134 |
| | | 2 | 830 | 830 | 89 | 89 | | 2 | 491 | 491 | 429 | 429 | |
| 27,8 | 10 | 1 | 402 | 1105 | 402 | 0 | 50 | 1 | 339 | 576 | 339 | 102 | 147 |
| | | 2 | 868 | 868 | 86 | 86 | | 2 | 519 | 519 | 436 | 436 | |
| 34,3 | 25 | 1 | 480 | 1169 | 480 | 0 | 52 | 1 | 532 | 687 | 532 | 377 | 159 |
| | | 2 | 946 | 946 | 119 | 119 | | 2 | 642 | 642 | 422 | 422 | |
| 40,7 | 45 | 1 | 579 | 1240 | 579 | 0 | 55 | 1 | 599 | 862 | 600 | 337 | 172 |
| | | 2 | 1038 | 1038 | 161 | 161 | | 2 | 785 | 785 | 414 | 414 | |
| 47,2 | 65 | 1 | 667 | 1327 | 667 | 7 | 57 | 1 | 667 | 1049 | 667 | 285 | 185 |
| | | 2 | 1133 | 1133 | 200 | 200 | | 2 | 937 | 937 | 397 | 397 | |
| 53,6 | 95 | 1 | 759 | 1463 | 760 | 56 | 59 | 1 | 759 | 1273 | 760 | 246 | 198 |
| | | 2 | 1257 | 1257 | 262 | 262 | | 2 | 1123 | 1123 | 396 | 396 | |
| 60,1 | 125 | 1 | 851 | 1604 | 852 | 99 | 61 | 1 | 851 | 1512 | 852 | 191 | 210 |
| | | 2 | 1384 | 1384 | 320 | 320 | | 2 | 1319 | 1319 | 385 | 385 | |

*Tab. 10-12: Zentralballast und Ecklasten KRT 16-100 (8x8m) für Turmkombination T 100, 38,0 m Ausleger*

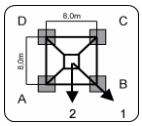
### 44,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb Drehmoment: 318 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb Windregion : C25 Drehmoment: 0 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 20 | 1 | 430 | 956 | 430 | 0 | 46 | 1 | 454 | 591 | 454 | 316 | 118 |
| | | 2 | 792 | 792 | 116 | 116 | | 2 | 551 | 551 | 357 | 357 | |
| 14,9 | 20 | 1 | 440 | 1004 | 441 | 0 | 48 | 1 | 362 | 588 | 362 | 137 | 130 |
| | | 2 | 826 | 826 | 116 | 116 | | 2 | 522 | 522 | 203 | 203 | |
| 21,4 | 20 | 1 | 448 | 1058 | 448 | 0 | 50 | 1 | 380 | 618 | 380 | 141 | 143 |
| | | 2 | 863 | 863 | 114 | 114 | | 2 | 548 | 548 | 211 | 211 | |
| 27,8 | 20 | 1 | 453 | 1118 | 453 | 0 | 52 | 1 | 397 | 651 | 397 | 143 | 156 |
| | | 2 | 901 | 901 | 111 | 111 | | 2 | 587 | 587 | 425 | 425 | |
| 34,3 | 35 | 1 | 530 | 1184 | 530 | 0 | 54 | 1 | 561 | 779 | 561 | 343 | 169 |
| | | 2 | 980 | 980 | 142 | 142 | | 2 | 715 | 715 | 407 | 407 | |
| 40,7 | 55 | 1 | 628 | 1257 | 628 | 0 | 56 | 1 | 628 | 961 | 628 | 295 | 181 |
| | | 2 | 1073 | 1073 | 184 | 184 | | 2 | 864 | 864 | 393 | 393 | |
| 47,2 | 80 | 1 | 708 | 1378 | 708 | 39 | 59 | 1 | 708 | 1168 | 708 | 248 | 194 |
| | | 2 | 1182 | 1182 | 235 | 235 | | 2 | 1033 | 1033 | 383 | 383 | |
| 53,6 | 110 | 1 | 800 | 1515 | 801 | 86 | 61 | 1 | 800 | 1401 | 801 | 200 | 207 |
| | | 2 | 1306 | 1306 | 295 | 295 | | 2 | 1225 | 1225 | 376 | 376 | |

*Tab. 10-13: Zentralballast und Ecklasten KRT 16-100 (8x8m) für Turmkombination T 100, 44,0 m Ausleger*

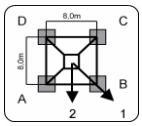
**50,0 m Auslegerlänge**




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb Drehmoment: 318 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb Windregion : C25 Drehmoment: 0 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 35 | 1 | 523 | 997 | 523 | 49 | 47 | 1 | 386 | 698 | 387 | 75 | 126 |
| | | 2 | 858 | 858 | 188 | 188 | | 2 | 607 | 607 | 166 | 166 | |
| 14,9 | 35 | 1 | 540 | 1032 | 541 | 49 | 49 | 1 | 404 | 728 | 404 | 80 | 139 |
| | | 2 | 888 | 888 | 193 | 193 | | 2 | 633 | 633 | 175 | 175 | |
| 21,4 | 35 | 1 | 558 | 1069 | 558 | 47 | 51 | 1 | 421 | 759 | 421 | 84 | 151 |
| | | 2 | 919 | 919 | 197 | 197 | | 2 | 660 | 660 | 183 | 183 | |
| 27,8 | 35 | 1 | 533 | 1126 | 534 | 0 | 54 | 1 | 439 | 792 | 439 | 85 | 164 |
| | | 2 | 952 | 952 | 198 | 198 | | 2 | 689 | 689 | 189 | 189 | |
| 34,3 | 40 | 1 | 559 | 1194 | 560 | 0 | 56 | 1 | 578 | 877 | 578 | 279 | 177 |
| | | 2 | 1000 | 1000 | 210 | 210 | | 2 | 790 | 790 | 367 | 367 | |
| 40,7 | 65 | 1 | 658 | 1293 | 658 | 23 | 58 | 1 | 658 | 1079 | 658 | 237 | 190 |
| | | 2 | 1107 | 1107 | 209 | 209 | | 2 | 956 | 956 | 360 | 360 | |
| 47,2 | 90 | 1 | 738 | 1414 | 738 | 61 | 60 | 1 | 738 | 1294 | 738 | 182 | 203 |
| | | 2 | 1216 | 1216 | 260 | 260 | | 2 | 1131 | 1131 | 345 | 345 | |
| 53,6 | 125 | 1 | 843 | 1566 | 843 | 120 | 62 | 1 | 843 | 1548 | 843 | 138 | 216 |
| | | 2 | 1354 | 1354 | 332 | 332 | | 2 | 1341 | 1341 | 344 | 344 | |

*Tab. 10-14: Zentralballast und Ecklasten KRT 16-100 (8x8m) für Turmkombination T 100, 33,0 m Ausleger*

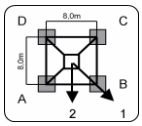
### 56,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb Drehmoment: 318 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb Windregion : C25 Drehmoment: 0 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 40 | 1 | 533 | 1033 | 534 | 34 | 49 | 1 | 401 | 786 | 402 | 17 | 134 |
| | | 2 | 886 | 886 | 180 | 180 | | 2 | 673 | 673 | 130 | 130 | |
| 14,9 | 40 | 1 | 551 | 1067 | 551 | 35 | 51 | 1 | 419 | 815 | 419 | 22 | 147 |
| | | 2 | 916 | 916 | 186 | 186 | | 2 | 699 | 699 | 139 | 139 | |
| 21,4 | 40 | 1 | 568 | 1104 | 568 | 32 | 53 | 1 | 436 | 847 | 436 | 25 | 160 |
| | | 2 | 947 | 947 | 189 | 189 | | 2 | 727 | 727 | 146 | 146 | |
| 27,8 | 40 | 1 | 585 | 1144 | 586 | 27 | 55 | 1 | 454 | 881 | 454 | 26 | 173 |
| | | 2 | 980 | 980 | 191 | 191 | | 2 | 756 | 756 | 151 | 151 | |
| 34,3 | 55 | 1 | 640 | 1225 | 641 | 56 | 57 | 1 | 618 | 989 | 619 | 247 | 186 |
| | | 2 | 1054 | 1054 | 227 | 227 | | 2 | 881 | 881 | 356 | 356 | |
| 40,7 | 80 | 1 | 698 | 1341 | 699 | 56 | 60 | 1 | 698 | 1199 | 698 | 198 | 199 |
| | | 2 | 1154 | 1154 | 286 | 286 | | 2 | 1052 | 1052 | 344 | 344 | |
| 47,2 | 105 | 1 | 778 | 1464 | 778 | 93 | 62 | 1 | 778 | 1422 | 778 | 135 | 212 |
| | | 2 | 1263 | 1263 | 294 | 294 | | 2 | 1233 | 1233 | 323 | 323 | |
| 53,6 | 140 | 1 | 883 | 1616 | 883 | 150 | 64 | 1 | 883 | 1684 | 883 | 82 | 225 |
| | | 2 | 1401 | 1401 | 365 | 365 | | 2 | 1449 | 1449 | 317 | 317 | |

*Tab. 10-15: Zentralballast und Ecklasten KRT 16-100 (8x8m) für Turmkombination T 100, 56,0 m Ausleger*

### 61,0 m Auslegerlänge



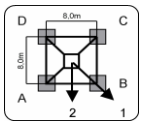

| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb<br>Drehmoment: 318 KNm<br>Ecklasten<br>A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb<br>Windregion : C25<br>Drehmoment: 0 KNm<br>Ecklasten<br>A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 30 | 1 | 507 | 1008 | 507 | 6 | 52 | 1 | 279 | 968 | 280 | 0 | 137 |
| | | 2 | 861 | 861 | 153 | 153 | | 2 | 724 | 724 | 39 | 39 | |
| 14,9 | 30 | 1 | 524 | 1042 | 524 | 6 | 54 | 1 | 301 | 994 | 302 | 0 | 149 |
| | | 2 | 890 | 890 | 158 | 158 | | 2 | 751 | 751 | 48 | 48 | |
| 21,4 | 30 | 1 | 506 | 1096 | 506 | 0 | 56 | 1 | 321 | 1024 | 321 | 0 | 162 |
| | | 2 | 922 | 922 | 161 | 161 | | 2 | 779 | 779 | 54 | 54 | |
| 27,8 | 30 | 1 | 507 | 1163 | 508 | 0 | 58 | 1 | 338 | 1059 | 339 | 0 | 175 |
| | | 2 | 956 | 956 | 133 | 133 | | 2 | 809 | 809 | 280 | 280 | |
| 34,3 | 30 | 1 | 505 | 1236 | 506 | 0 | 61 | 1 | 353 | 1099 | 353 | 0 | 188 |
| | | 2 | 999 | 999 | 125 | 125 | | 2 | 911 | 911 | 212 | 212 | |
| 40,7 | 50 | 1 | 600 | 1317 | 600 | 0 | 63 | 1 | 629 | 1257 | 629 | 1 | 201 |
| | | 2 | 1095 | 1095 | 163 | 163 | | 2 | 1073 | 1073 | 185 | 185 | |
| 47,2 | 80 | 1 | 721 | 1425 | 722 | 18 | 65 | 1 | 669 | 1549 | 669 | 0 | 214 |
| | | 2 | 1219 | 1219 | 224 | 224 | | 2 | 1269 | 1269 | 174 | 174 | |
| 53,6 | 115 | 1 | 826 | 1579 | 827 | 74 | 67 | 1 | 716 | 1874 | 717 | 0 | 227 |
| | | 2 | 1359 | 1359 | 294 | 294 | | 2 | 1489 | 1489 | 164 | 164 | |

*Tab. 10-16: Zentralballast und Ecklasten KRT 16-100 (8x8m) für Turmkombination T 100, 61,0 m Ausleger*

### 10.1.3.3 Kreuzrahmen KRT 16-100 (10x10m)

Alle Angaben beziehen sich auf einen Turmdrehkran WT 555L *e.tronic* auf Kreuzrahmen Typ KRT 16-100 (10x10m), stationär, gemäß Turmkombination T 100 ohne Kletterwerk.

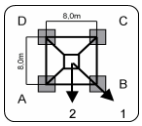
**27,0 m Auslegerlänge**




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb Drehmoment: 318 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb Windregion : C25 Drehmoment: 0 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 0 | 1 | 391 | 770 | 392 | 13 | 40 | 1 | 392 | 597 | 392 | 186 | 90 |
| | | 2 | 659 | 659 | 124 | 124 | | 2 | 537 | 537 | 246 | 246 | |
| 14,9 | 0 | 1 | 409 | 804 | 409 | 14 | 42 | 1 | 409 | 576 | 409 | 242 | 103 |
| | | 2 | 689 | 689 | 129 | 129 | | 2 | 527 | 527 | 291 | 291 | |
| 21,4 | 0 | 1 | 426 | 841 | 427 | 12 | 44 | 1 | 426 | 551 | 426 | 302 | 115 |
| | | 2 | 720 | 720 | 133 | 133 | | 2 | 514 | 514 | 338 | 338 | |
| 27,8 | 0 | 1 | 444 | 880 | 444 | 7 | 47 | 1 | 444 | 519 | 444 | 369 | 128 |
| | | 2 | 752 | 752 | 135 | 135 | | 2 | 497 | 497 | 391 | 391 | |
| 34,3 | 0 | 1 | 461 | 922 | 461 | 1 | 49 | 1 | 331 | 532 | 331 | 131 | 140 |
| | | 2 | 787 | 787 | 136 | 136 | | 2 | 475 | 475 | 448 | 448 | |
| 40,7 | 0 | 1 | 470 | 974 | 471 | 0 | 51 | 1 | 479 | 565 | 479 | 392 | 152 |
| | | 2 | 823 | 823 | 134 | 134 | | 2 | 540 | 540 | 418 | 418 | |
| 47,2 | 0 | 1 | 475 | 1034 | 476 | 0 | 53 | 1 | 496 | 664 | 496 | 328 | 165 |
| | | 2 | 861 | 861 | 130 | 130 | | 2 | 615 | 615 | 377 | 377 | |
| 53,6 | 15 | 1 | 551 | 1101 | 551 | 1 | 55 | 1 | 551 | 810 | 551 | 292 | 177 |
| | | 2 | 940 | 940 | 162 | 162 | | 2 | 734 | 734 | 368 | 368 | |
| 60,1 | 35 | 1 | 618 | 1206 | 619 | 31 | 57 | 1 | 618 | 979 | 618 | 258 | 190 |
| | | 2 | 1034 | 1034 | 203 | 203 | | 2 | 873 | 873 | 364 | 364 | |
| 66,5 | 55 | 1 | 685 | 1315 | 686 | 57 | 60 | 1 | 685 | 1159 | 686 | 212 | 202 |
| | | 2 | 1130 | 1130 | 241 | 241 | | 2 | 1020 | 1020 | 351 | 351 | |
| 73,0 | 85 | 1 | 778 | 1454 | 778 | 102 | 62 | 1 | 778 | 1378 | 778 | 178 | 215 |
| | | 2 | 1256 | 1256 | 300 | 300 | | 2 | 1202 | 1202 | 354 | 354 | |

*Tab. 10-17: Zentralballast und Ecklasten KRT 16-100 (10x10m) für Turmkombination T 100, 27,0 m Ausleger*

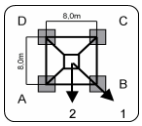
### 33,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb Drehmoment: 318 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb Windregion : C25 Drehmoment: 0 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 0 | 1 | 396 | 774 | 396 | 18 | 42 | 1 | 396 | 571 | 396 | 221 | 100 |
| | | 2 | 667 | 667 | 282 | 282 | | 2 | 520 | 520 | 273 | 273 | |
| 14,9 | 0 | 1 | 413 | 809 | 414 | 18 | 44 | 1 | 413 | 541 | 413 | 286 | 113 |
| | | 2 | 697 | 697 | 287 | 287 | | 2 | 504 | 504 | 323 | 323 | |
| 21,4 | 0 | 1 | 431 | 847 | 431 | 15 | 46 | 1 | 431 | 514 | 431 | 347 | 125 |
| | | 2 | 729 | 729 | 290 | 290 | | 2 | 490 | 490 | 372 | 372 | |
| 27,8 | 0 | 1 | 448 | 887 | 448 | 10 | 48 | 1 | 314 | 502 | 314 | 125 | 138 |
| | | 2 | 762 | 762 | 292 | 292 | | 2 | 472 | 472 | 425 | 425 | |
| 34,3 | 0 | 1 | 465 | 929 | 466 | 2 | 51 | 1 | 466 | 533 | 466 | 398 | 150 |
| | | 2 | 797 | 797 | 292 | 292 | | 2 | 514 | 514 | 418 | 418 | |
| 40,7 | 0 | 1 | 476 | 981 | 476 | 0 | 53 | 1 | 483 | 631 | 483 | 335 | 163 |
| | | 2 | 833 | 833 | 290 | 290 | | 2 | 587 | 587 | 379 | 379 | |
| 47,2 | 5 | 1 | 505 | 1043 | 505 | 0 | 55 | 1 | 513 | 749 | 513 | 276 | 176 |
| | | 2 | 885 | 885 | 298 | 298 | | 2 | 680 | 680 | 346 | 346 | |
| 53,6 | 25 | 1 | 580 | 1136 | 581 | 25 | 57 | 1 | 580 | 916 | 580 | 245 | 188 |
| | | 2 | 976 | 976 | 341 | 341 | | 2 | 817 | 817 | 343 | 343 | |
| 60,1 | 45 | 1 | 647 | 1242 | 648 | 54 | 59 | 1 | 648 | 1093 | 648 | 203 | 201 |
| | | 2 | 1071 | 1071 | 382 | 382 | | 2 | 962 | 962 | 333 | 333 | |
| 66,5 | 70 | 1 | 727 | 1364 | 728 | 91 | 61 | 1 | 727 | 1295 | 728 | 160 | 214 |
| | | 2 | 1181 | 1181 | 431 | 431 | | 2 | 1129 | 1129 | 326 | 326 | |
| 73,0 | 100 | 1 | 820 | 1505 | 820 | 135 | 64 | 1 | 820 | 1524 | 820 | 116 | 227 |
| | | 2 | 1308 | 1308 | 489 | 489 | | 2 | 1318 | 1318 | 322 | 322 | |

*Tab. 10-18: Zentralballast und Ecklasten KRT 16-100 (10x10m) für Turmkombination T 100, 33,0 m Ausleger*

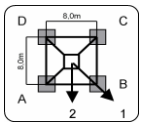
### 38,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb Drehmoment: 318 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb Windregion : C25 Drehmoment: 0 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 0 | 1 | 400 | 780 | 400 | 20 | 44 | 1 | 400 | 539 | 400 | 261 | 109 |
| | | 2 | 669 | 669 | 132 | 132 | | 2 | 498 | 498 | 302 | 302 | |
| 14,9 | 0 | 1 | 417 | 816 | 418 | 19 | 46 | 1 | 417 | 502 | 417 | 333 | 122 |
| | | 2 | 699 | 699 | 136 | 136 | | 2 | 477 | 477 | 358 | 358 | |
| 21,4 | 0 | 1 | 435 | 854 | 435 | 16 | 48 | 1 | 296 | 474 | 297 | 119 | 134 |
| | | 2 | 731 | 731 | 138 | 138 | | 2 | 459 | 459 | 410 | 410 | |
| 27,8 | 0 | 1 | 452 | 895 | 452 | 10 | 50 | 1 | 314 | 503 | 314 | 124 | 147 |
| | | 2 | 765 | 765 | 140 | 140 | | 2 | 485 | 485 | 419 | 419 | |
| 34,3 | 0 | 1 | 469 | 938 | 470 | 2 | 52 | 1 | 470 | 594 | 470 | 345 | 159 |
| | | 2 | 800 | 800 | 139 | 139 | | 2 | 557 | 557 | 382 | 382 | |
| 40,7 | 0 | 1 | 478 | 992 | 478 | 0 | 55 | 1 | 487 | 697 | 487 | 277 | 172 |
| | | 2 | 838 | 838 | 136 | 136 | | 2 | 636 | 636 | 338 | 338 | |
| 47,2 | 15 | 1 | 542 | 1070 | 542 | 14 | 57 | 1 | 542 | 847 | 542 | 237 | 185 |
| | | 2 | 915 | 915 | 169 | 169 | | 2 | 758 | 758 | 326 | 326 | |
| 53,6 | 35 | 1 | 609 | 1172 | 610 | 46 | 59 | 1 | 609 | 1020 | 609 | 198 | 198 |
| | | 2 | 1007 | 1007 | 211 | 211 | | 2 | 900 | 900 | 319 | 319 | |
| 60,1 | 60 | 1 | 689 | 1291 | 689 | 87 | 61 | 1 | 689 | 1218 | 689 | 161 | 210 |
| | | 2 | 1115 | 1115 | 264 | 264 | | 2 | 1063 | 1063 | 316 | 316 | |
| 66,5 | 85 | 1 | 769 | 1415 | 769 | 123 | 63 | 1 | 769 | 1428 | 769 | 110 | 223 |
| | | 2 | 1226 | 1226 | 312 | 312 | | 2 | 1235 | 1235 | 303 | 303 | |
| 73,0 | 115 | 1 | 861 | 1557 | 862 | 166 | 65 | 1 | 861 | 1666 | 862 | 57 | 237 |
| | | 2 | 1353 | 1353 | 370 | 370 | | 2 | 1430 | 1430 | 293 | 293 | |

*Tab. 10-19: Zentralballast und Ecklasten KRT 16-100 (10x10m) für Turmkombination T 100, 38,0 m Ausleger*

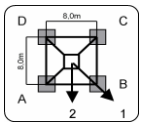
### 44,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb, Drehmoment: 318 KNm, Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb, Windregion : C25, Drehmoment: 0 KNm, Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 0 | 1 | 404 | 786 | 404 | 21 | 46 | 1 | 404 | 514 | 404 | 294 | 118 |
| | | 2 | 674 | 674 | 133 | 133 | | 2 | 481 | 481 | 326 | 326 | |
| 14,9 | 0 | 1 | 421 | 823 | 421 | 19 | 48 | 1 | 312 | 493 | 312 | 132 | 130 |
| | | 2 | 705 | 705 | 137 | 137 | | 2 | 457 | 457 | 386 | 386 | |
| 21,4 | 0 | 1 | 438 | 862 | 439 | 15 | 50 | 1 | 330 | 521 | 330 | 139 | 143 |
| | | 2 | 738 | 738 | 139 | 139 | | 2 | 465 | 465 | 195 | 195 | |
| 27,8 | 0 | 1 | 456 | 903 | 456 | 9 | 52 | 1 | 347 | 550 | 347 | 144 | 156 |
| | | 2 | 772 | 772 | 140 | 140 | | 2 | 521 | 521 | 391 | 391 | |
| 34,3 | 0 | 1 | 473 | 947 | 473 | 0 | 54 | 1 | 473 | 648 | 473 | 299 | 169 |
| | | 2 | 808 | 808 | 138 | 138 | | 2 | 597 | 597 | 350 | 350 | |
| 40,7 | 5 | 1 | 503 | 1006 | 503 | 0 | 56 | 1 | 503 | 770 | 503 | 237 | 181 |
| | | 2 | 859 | 859 | 148 | 148 | | 2 | 691 | 691 | 315 | 315 | |
| 47,2 | 25 | 1 | 570 | 1106 | 571 | 35 | 59 | 1 | 570 | 939 | 571 | 203 | 194 |
| | | 2 | 949 | 949 | 192 | 192 | | 2 | 831 | 831 | 311 | 311 | |
| 53,6 | 45 | 1 | 638 | 1210 | 638 | 66 | 61 | 1 | 638 | 1118 | 638 | 158 | 207 |
| | | 2 | 1042 | 1042 | 234 | 234 | | 2 | 978 | 978 | 298 | 298 | |
| 60,1 | 70 | 1 | 718 | 1330 | 718 | 106 | 63 | 1 | 718 | 1323 | 718 | 113 | 220 |
| | | 2 | 1151 | 1151 | 285 | 285 | | 2 | 1146 | 1146 | 290 | 290 | |
| 66,5 | 100 | 1 | 810 | 1468 | 811 | 153 | 65 | 1 | 810 | 1554 | 811 | 66 | 233 |
| | | 2 | 1275 | 1275 | 346 | 346 | | 2 | 1336 | 1336 | 284 | 284 | |

*Tab. 10-20: Zentralballast und Ecklasten KRT 16-100 (10x10m) für Turmkombination T 100, 44,0 m Ausleger*

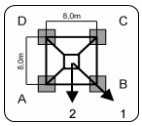
**50,0 m Auslegerlänge**




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb Drehmoment: 318 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb Windregion : C25 Drehmoment: 0 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 0 | 1 | 435 | 815 | 436 | 56 | 47 | 1 | 299 | 548 | 299 | 50 | 126 |
| | | 2 | 704 | 704 | 167 | 167 | | 2 | 475 | 475 | 123 | 123 | |
| 14,9 | 0 | 1 | 453 | 846 | 453 | 60 | 49 | 1 | 316 | 575 | 317 | 57 | 139 |
| | | 2 | 731 | 731 | 175 | 175 | | 2 | 500 | 500 | 133 | 133 | |
| 21,4 | 0 | 1 | 470 | 879 | 470 | 62 | 51 | 1 | 334 | 604 | 334 | 64 | 151 |
| | | 2 | 759 | 759 | 181 | 181 | | 2 | 525 | 525 | 143 | 143 | |
| 27,8 | 0 | 1 | 488 | 914 | 488 | 61 | 54 | 1 | 351 | 634 | 351 | 68 | 164 |
| | | 2 | 789 | 789 | 186 | 186 | | 2 | 567 | 567 | 354 | 354 | |
| 34,3 | 0 | 1 | 478 | 956 | 478 | 0 | 56 | 1 | 478 | 717 | 478 | 239 | 177 |
| | | 2 | 821 | 821 | 189 | 189 | | 2 | 647 | 647 | 309 | 309 | |
| 40,7 | 15 | 1 | 533 | 1041 | 533 | 25 | 58 | 1 | 533 | 870 | 533 | 196 | 190 |
| | | 2 | 893 | 893 | 227 | 227 | | 2 | 771 | 771 | 295 | 295 | |
| 47,2 | 35 | 1 | 600 | 1142 | 601 | 59 | 60 | 1 | 600 | 1045 | 601 | 156 | 203 |
| | | 2 | 983 | 983 | 218 | 218 | | 2 | 915 | 915 | 286 | 286 | |
| 53,6 | 55 | 1 | 668 | 1246 | 668 | 89 | 62 | 1 | 668 | 1232 | 668 | 104 | 216 |
| | | 2 | 1077 | 1077 | 259 | 259 | | 2 | 1067 | 1067 | 269 | 269 | |
| 60,1 | 85 | 1 | 760 | 1380 | 760 | 141 | 64 | 1 | 760 | 1456 | 760 | 64 | 229 |
| | | 2 | 1198 | 1198 | 322 | 322 | | 2 | 1252 | 1252 | 268 | 268 | |
| 66,5 | 115 | 1 | 852 | 1519 | 853 | 187 | 67 | 1 | 852 | 1696 | 853 | 10 | 242 |
| | | 2 | 1323 | 1323 | 382 | 382 | | 2 | 1449 | 1449 | 257 | 257 | |

*Tab. 10-21: Zentralballast und Ecklasten KRT 16-100 (10x10m) für Turmkombination T 100, 50,0 m Ausleger*

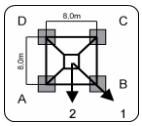
### 56,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb Drehmoment: 318 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb Windregion : C25 Drehmoment: 0 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 0 | 1 | 433 | 833 | 434 | 34 | 49 | 1 | 296 | 614 | 296 | 0 | 134 |
| | | 2 | 716 | 716 | 151 | 151 | | 2 | 519 | 519 | 84 | 84 | |
| 14,9 | 0 | 1 | 451 | 864 | 451 | 38 | 51 | 1 | 319 | 636 | 319 | 2 | 147 |
| | | 2 | 743 | 743 | 159 | 159 | | 2 | 543 | 543 | 95 | 95 | |
| 21,4 | 0 | 1 | 468 | 897 | 468 | 40 | 53 | 1 | 336 | 665 | 336 | 7 | 160 |
| | | 2 | 771 | 771 | 165 | 165 | | 2 | 569 | 569 | 104 | 104 | |
| 27,8 | 0 | 1 | 485 | 932 | 486 | 39 | 55 | 1 | 354 | 696 | 354 | 12 | 173 |
| | | 2 | 801 | 801 | 170 | 170 | | 2 | 607 | 607 | 320 | 320 | |
| 34,3 | 5 | 1 | 515 | 983 | 516 | 48 | 57 | 1 | 493 | 790 | 494 | 197 | 186 |
| | | 2 | 846 | 846 | 185 | 185 | | 2 | 703 | 703 | 284 | 284 | |
| 40,7 | 25 | 1 | 561 | 1075 | 561 | 47 | 60 | 1 | 561 | 961 | 561 | 160 | 199 |
| | | 2 | 930 | 930 | 236 | 236 | | 2 | 844 | 844 | 278 | 278 | |
| 47,2 | 45 | 1 | 628 | 1177 | 628 | 80 | 62 | 1 | 628 | 1143 | 628 | 113 | 212 |
| | | 2 | 1016 | 1016 | 284 | 284 | | 2 | 992 | 992 | 264 | 264 | |
| 53,6 | 70 | 1 | 708 | 1295 | 708 | 122 | 64 | 1 | 708 | 1349 | 708 | 67 | 225 |
| | | 2 | 1123 | 1123 | 293 | 293 | | 2 | 1161 | 1161 | 255 | 255 | |
| 60,1 | 100 | 1 | 800 | 1429 | 801 | 172 | 66 | 1 | 800 | 1581 | 801 | 20 | 238 |
| | | 2 | 1245 | 1245 | 356 | 356 | | 2 | 1352 | 1352 | 249 | 249 | |
| 66,5 | 130 | 1 | 893 | 1569 | 893 | 217 | 68 | 1 | 850 | 1871 | 851 | 0 | 252 |
| | | 2 | 1371 | 1371 | 415 | 415 | | 2 | 1554 | 1554 | 231 | 231 | |

*Tab. 10-22: Zentralballast und Ecklasten KRT 16-100 (10x10m) für Turmkombination T 100, 56,0 m Ausleger*

### 61,0 m Auslegerlänge




| Turmhöhe [m] | Zentralballast [t] | Auslegerstellung | Kran in Betrieb Drehmoment: 318 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] | Auslegerstellung | Kran außer Betrieb Windregion : C25 Drehmoment: 0 KNm Ecklasten A [KN] | B [KN] | C [KN] | D [KN] | Horizontallast [KN] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8,5 | 0 | 1 | 432 | 833 | 432 | 31 | 52 | 1 | 226 | 774 | 227 | 0 | 137 |
| | | 2 | 715 | 715 | 148 | 148 | | 2 | 580 | 580 | 33 | 33 | |
| 14,9 | 0 | 1 | 449 | 864 | 449 | 35 | 54 | 1 | 251 | 795 | 251 | 0 | 149 |
| | | 2 | 742 | 742 | 156 | 156 | | 2 | 605 | 605 | 43 | 43 | |
| 21,4 | 0 | 1 | 466 | 897 | 467 | 36 | 56 | 1 | 273 | 819 | 274 | 0 | 162 |
| | | 2 | 771 | 771 | 163 | 163 | | 2 | 631 | 631 | 52 | 52 | |
| 27,8 | 0 | 1 | 469 | 935 | 470 | 4 | 58 | 1 | 294 | 847 | 294 | 0 | 175 |
| | | 2 | 801 | 801 | 167 | 167 | | 2 | 681 | 681 | 258 | 258 | |
| 34,3 | 0 | 1 | 479 | 989 | 480 | 0 | 61 | 1 | 487 | 882 | 487 | 91 | 188 |
| | | 2 | 836 | 836 | 137 | 137 | | 2 | 766 | 766 | 207 | 207 | |
| 40,7 | 0 | 1 | 482 | 1053 | 482 | 0 | 63 | 1 | 504 | 1006 | 504 | 2 | 201 |
| | | 2 | 877 | 877 | 132 | 132 | | 2 | 859 | 859 | 149 | 149 | |
| 47,2 | 25 | 1 | 584 | 1147 | 584 | 21 | 65 | 1 | 549 | 1239 | 549 | 0 | 214 |
| | | 2 | 982 | 982 | 186 | 186 | | 2 | 1022 | 1022 | 146 | 146 | |
| 53,6 | 50 | 1 | 664 | 1266 | 664 | 62 | 67 | 1 | 578 | 1499 | 579 | 0 | 227 |
| | | 2 | 1090 | 1090 | 238 | 238 | | 2 | 1194 | 1194 | 134 | 134 | |
| 60,1 | 95 | 1 | 794 | 1440 | 794 | 147 | 69 | 1 | 694 | 1788 | 694 | 0 | 240 |
| | | 2 | 1251 | 1251 | 337 | 337 | | 2 | 1426 | 1426 | 162 | 162 | |

*Tab. 10-23: Zentralballast und Ecklasten KRT 16-100 (10x10m) für Turmkombination T 100, 61,0 m Ausleger*