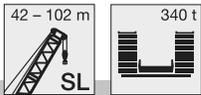


# Crawler Crane

# LR 11350

## Technical Data





|  m | 42 m | 48 m | 54 m | 60 m | 66 m | 72 m | 78 m | 84 m | 90 m | 96 m | 102 m |  m |
|---|------|------|------|------|------|------|------|------|------|------|-------|---|
| 8   | 891  | 915  | 861  | 820  |      |      |      |      |      |      |       | 8   |
| 9   | 853  | 848  | 836  | 795  | 758  | 714  |      |      |      |      |       | 9   |
| 10  | 775  | 765  | 759  | 749  | 728  | 691  | 645  | 607  | 553  |      |       | 10  |
| 11  | 700  | 701  | 692  | 683  | 673  | 643  | 616  | 590  | 546  | 506  | 465   | 11  |
| 12  | 648  | 637  | 638  | 630  | 611  | 586  | 563  | 540  | 519  | 498  | 457   | 12  |
| 14  | 550  | 547  | 543  | 536  | 514  | 494  | 478  | 460  | 444  | 427  | 412   | 14  |
| 16  | 475  | 473  | 465  | 458  | 440  | 426  | 413  | 399  | 386  | 372  | 359   | 16  |
| 18  | 409  | 412  | 409  | 398  | 384  | 372  | 362  | 350  | 339  | 327  | 317   | 18  |
| 20  | 363  | 358  | 359  | 351  | 338  | 328  | 320  | 311  | 301  | 291  | 282   | 20  |
| 22  | 319  | 319  | 314  | 312  | 301  | 293  | 286  | 278  | 270  | 261  | 252   | 22  |
| 24  | 285  | 281  | 282  | 278  | 271  | 263  | 258  | 250  | 243  | 235  | 228   | 24  |
| 26  | 251  | 253  | 250  | 250  | 245  | 238  | 233  | 227  | 220  | 213  | 206   | 26  |
| 28  | 227  | 227  | 225  | 223  | 222  | 217  | 213  | 206  | 201  | 194  | 187   | 28  |
| 30  | 205  | 203  | 204  | 199  | 200  | 198  | 194  | 189  | 183  | 177  | 171   | 30  |
| 32  | 186  | 186  | 184  | 182  | 177  | 181  | 178  | 173  | 168  | 162  | 157   | 32  |
| 34  | 171  | 170  | 168  | 166  | 164  | 162  | 164  | 159  | 155  | 149  | 144   | 34  |
| 36  | 156  | 155  | 155  | 150  | 151  | 148  | 149  | 147  | 143  | 137  | 132   | 36  |
| 38  | 144  | 144  | 142  | 139  | 138  | 137  | 136  | 136  | 132  | 126  | 122   | 38  |
| 40  |      | 133  | 131  | 129  | 126  | 126  | 126  | 123  | 122  | 117  | 112   | 40  |
| 44  |      | 115  | 113  | 110  | 109  | 106  | 108  | 107  | 104  | 100  | 96    | 44  |
| 48  |      |      | 98   | 96   | 92   | 93   | 92   | 91   | 90   | 86   | 82    | 48  |
| 52  |      |      |      | 84   | 81   | 79   | 81   | 78   | 77   | 74   | 71    | 52  |
| 56  |      |      |      |      | 71   | 70   | 69   | 68   | 66   | 63   | 61    | 56  |
| 60  |      |      |      |      |      | 61   | 61   | 58   | 57   | 54   | 51    | 60  |
| 64  |      |      |      |      |      | 53   | 53   | 51   | 48,5 | 46   | 43,5  | 64  |
| 68  |      |      |      |      |      |      | 46   | 43,5 | 42   | 38   | 36,5  | 68  |
| 72  |      |      |      |      |      |      |      | 37,5 | 35,5 | 32,5 | 28,7  | 72  |
| 76  |      |      |      |      |      |      |      |      | 30,5 | 26,9 | 23,1  | 76  |
| 80  |      |      |      |      |      |      |      |      | 25,8 | 22   |       | 80  |

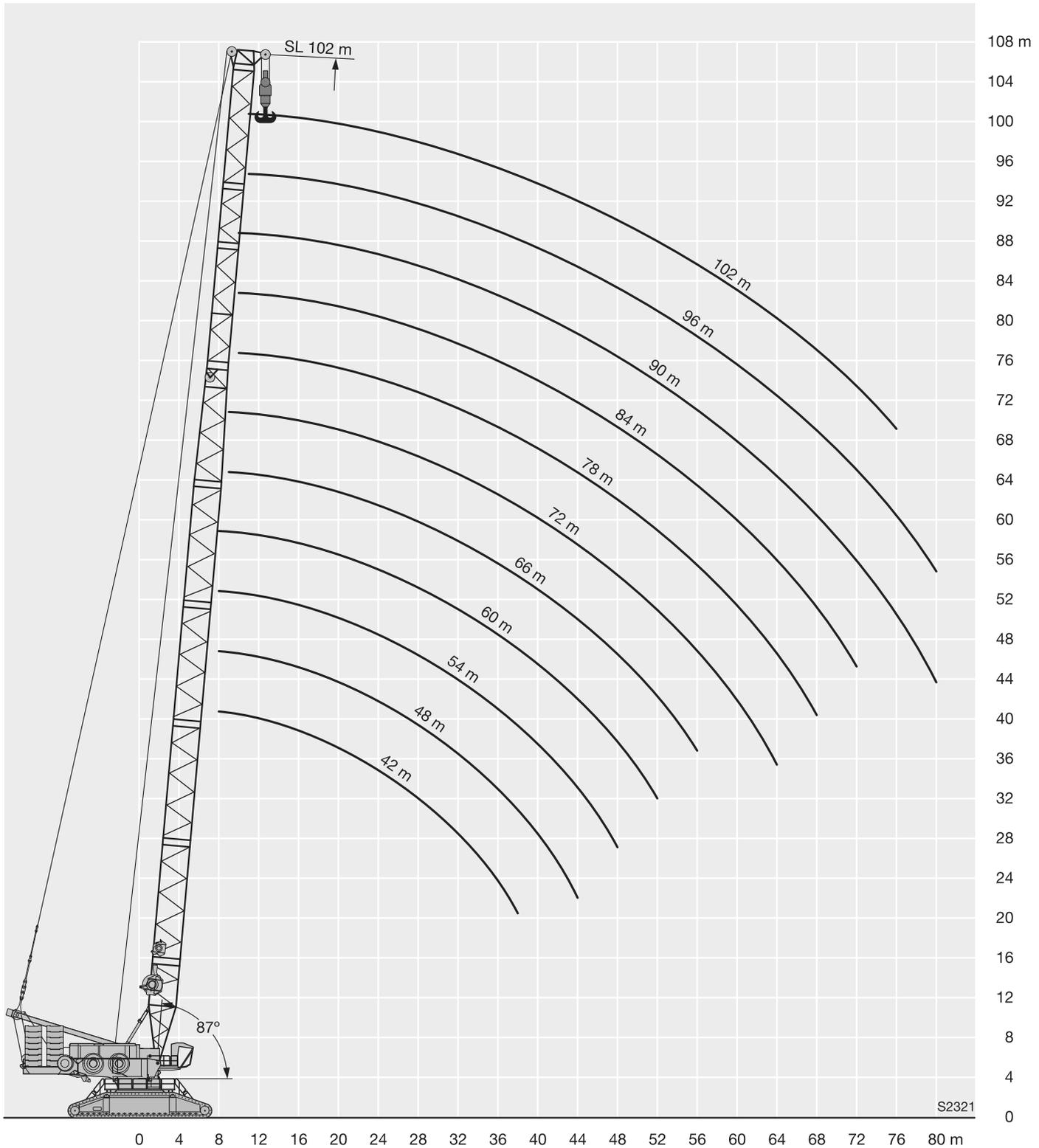
# Hubhöhen

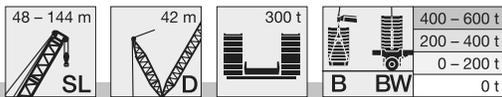
## Lifting heights

Hauteurs de levage • Altezze di sollevamento

Alturas de elevación • Высота подъема

SL

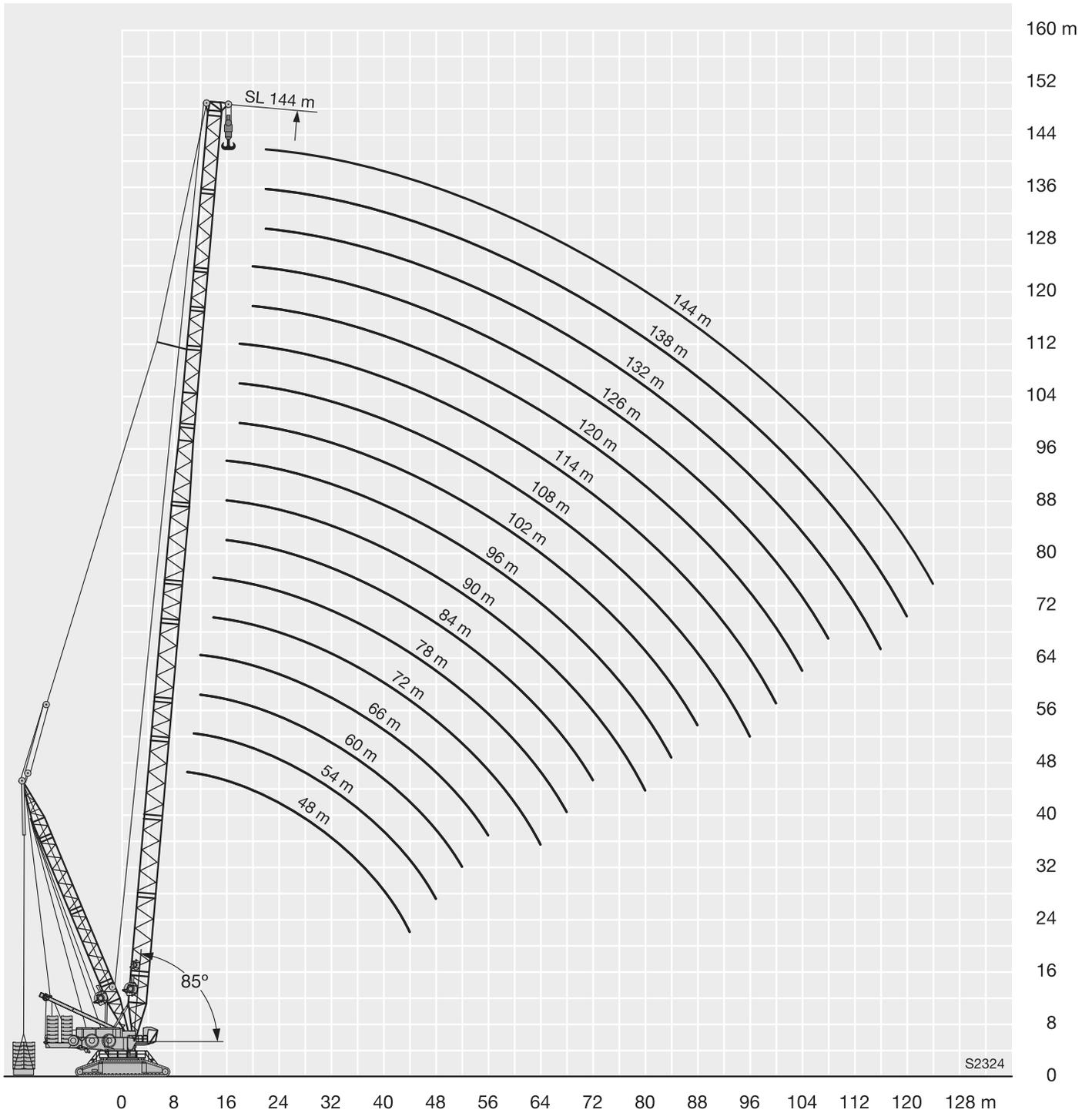


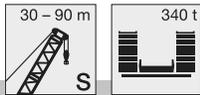


| m  |          | SL 48 - 144 |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|----|----------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|    |          | 48          | 54         | 60         | 66         | 72         | 78         | 84         | 90         | 96         | 102        | 108        | 114        | 120        | 126        | 132        | 138        | 144        |
| 10 | -        | 873         |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B        | 890         |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B2<br>BW | 890<br>890  |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 11 | -        | 796         | 790        |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B        | 894         | 887        |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B2<br>BW | 894<br>894  | 887<br>888 |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 12 | -        | 733         | 724        | 712        |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B        | 899         | 891        | 882        | 872        |            |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B2<br>BW | 899<br>899  | 892<br>892 | 882<br>884 | 877<br>880 |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 14 | -        | 627         | 623        | 597        | 574        | 553        | 534        |            |            |            |            |            |            |            |            |            |            |            |
|    | B        | 898         | 900        | 888        | 877        | 816        | 727        |            |            |            |            |            |            |            |            |            |            |            |
|    | B2<br>BW | 910<br>910  | 901<br>902 | 890<br>893 | 882<br>886 | 822<br>826 | 732<br>737 |            |            |            |            |            |            |            |            |            |            |            |
| 16 | -        | 545         | 532        | 511        | 493        | 477        | 462        | 447        | 432        |            |            |            |            |            |            |            |            |            |
|    | B        | 923         | 910        | 887        | 878        | 814        | 731        | 676        | 604        | 560        |            |            |            |            |            |            |            |            |
|    | B2<br>BW | 923<br>923  | 912<br>913 | 896<br>899 | 886<br>892 | 825<br>832 | 735<br>740 | 687<br>688 | 613<br>621 | 560<br>567 |            |            |            |            |            |            |            |            |
| 18 | -        | 481         | 463        | 445        | 431        | 417        | 406        | 394        | 380        | 369        | 356        | 344        |            |            |            |            |            |            |
|    | B        | 937         | 915        | 908        | 863        | 819        | 726        | 662        | 600        | 555        | 504        | 461        | 429        |            |            |            |            |            |
|    | B2<br>BW | 940<br>940  | 917<br>917 | 911<br>911 | 893<br>893 | 829<br>837 | 739<br>746 | 684<br>688 | 610<br>619 | 558<br>566 | 507<br>514 | 463<br>469 | 434<br>439 |            |            |            |            |            |
| 20 | -        | 423         | 408        | 393        | 381        | 370        | 360        | 350        | 339        | 329        | 318        | 307        | 291        | 284        | 267        |            |            |            |
|    | B        | 952         | 891        | 895        | 886        | 815        | 720        | 661        | 595        | 543        | 499        | 458        | 430        | 385        | 342        |            |            |            |
|    | B2<br>BW | 958<br>958  | 939<br>939 | 911<br>911 | 900<br>904 | 833<br>835 | 733<br>740 | 683<br>688 | 609<br>619 | 555<br>563 | 504<br>511 | 461<br>467 | 432<br>437 | 386<br>389 | 335<br>345 |            |            |            |
| 22 | -        | 377         | 363        | 350        | 340        | 330        | 322        | 314        | 304        | 295        | 285        | 276        | 261        | 256        | 250        | 240        | 234        |            |
|    | B        | 893         | 867        | 845        | 851        | 816        | 714        | 654        | 589        | 541        | 492        | 450        | 425        | 381        | 341        | 312        | 273        | 257        |
|    | B2<br>BW | 930<br>930  | 954<br>954 | 896<br>896 | 880<br>880 | 838<br>839 | 740<br>751 | 677<br>679 | 605<br>614 | 553<br>562 | 502<br>510 | 459<br>464 | 430<br>433 | 384<br>387 | 331<br>344 | 304<br>315 | 265<br>274 | 252<br>259 |
| 24 | -        | 333         | 327        | 315        | 306        | 297        | 291        | 283        | 274        | 267        | 258        | 249        | 236        | 231        | 226        | 217        | 212        | 206        |
|    | B        | 817         | 813        | 795        | 792        | 774        | 706        | 649        | 580        | 529        | 489        | 447        | 419        | 377        | 337        | 309        | 269        | 255        |
|    | B2<br>BW | 894<br>894  | 905<br>905 | 880<br>880 | 846<br>846 | 810<br>810 | 738<br>751 | 674<br>684 | 602<br>610 | 549<br>550 | 499<br>508 | 456<br>462 | 427<br>428 | 382<br>385 | 327<br>342 | 301<br>312 | 261<br>271 | 249<br>257 |
| 26 | -        | 295         | 294        | 285        | 277        | 270        | 264        | 257        | 249        | 242        | 234        | 226        | 213        | 210        | 205        | 197        | 192        | 187        |
|    | B        | 753         | 750        | 742        | 732        | 724        | 676        | 636        | 577        | 528        | 480        | 440        | 417        | 375        | 333        | 304        | 265        | 252        |
|    | B2<br>BW | 846<br>846  | 839<br>839 | 833<br>833 | 812<br>812 | 779<br>779 | 721<br>721 | 668<br>673 | 600<br>607 | 547<br>554 | 496<br>497 | 451<br>456 | 425<br>426 | 380<br>384 | 323<br>340 | 296<br>308 | 257<br>267 | 246<br>254 |
| 28 | -        | 265         | 263        | 260        | 252        | 246        | 241        | 234        | 227        | 221        | 213        | 206        | 194        | 191        | 187        | 179        | 175        | 171        |
|    | B        | 699         | 690        | 689        | 682        | 674        | 647        | 614        | 565        | 524        | 477        | 436        | 410        | 373        | 332        | 301        | 261        | 249        |
|    | B2<br>BW | 787<br>787  | 776<br>776 | 775<br>775 | 767<br>767 | 747<br>747 | 704<br>704 | 657<br>657 | 587<br>594 | 544<br>552 | 493<br>497 | 447<br>449 | 421<br>422 | 378<br>382 | 319<br>338 | 292<br>305 | 252<br>263 | 243<br>251 |
| 30 | -        | 240         | 238        | 235        | 231        | 225        | 221        | 215        | 208        | 203        | 195        | 189        | 177        | 174        | 171        | 164        | 160        | 156        |
|    | B        | 645         | 644        | 635        | 635        | 630        | 617        | 593        | 551        | 512        | 474        | 432        | 408        | 363        | 326        | 297        | 256        | 245        |
|    | B2<br>BW | 728<br>728  | 726<br>726 | 717<br>717 | 717<br>717 | 708<br>708 | 687<br>687 | 646<br>646 | 581<br>581 | 532<br>537 | 490<br>492 | 443<br>444 | 419<br>420 | 375<br>378 | 314<br>335 | 288<br>301 | 248<br>259 | 239<br>248 |
| 32 | -        | 218         | 216        | 213        | 212        | 207        | 203        | 198        | 191        | 186        | 179        | 173        | 162        | 160        | 156        | 150        | 146        | 142        |
|    | B        | 599         | 598        | 594        | 589        | 589        | 585        | 571        | 538        | 500        | 456        | 428        | 405        | 364        | 321        | 290        | 251        | 242        |
|    | B2<br>BW | 681<br>681  | 676<br>676 | 672<br>672 | 667<br>667 | 665<br>665 | 657<br>657 | 635<br>635 | 572<br>572 | 519<br>521 | 475<br>476 | 437<br>439 | 416<br>418 | 373<br>377 | 310<br>330 | 284<br>296 | 243<br>254 | 236<br>245 |
| 34 | -        | 200         | 197        | 195        | 194        | 191        | 187        | 182        | 176        | 172        | 165        | 159        | 149        | 147        | 144        | 137        | 134        | 130        |
|    | B        | 553         | 555        | 556        | 550        | 549        | 544        | 525        | 488        | 446        | 411        | 398        | 362        | 317        | 286        | 246        | 238        |            |
|    | B2<br>BW | 635<br>635  | 630<br>630 | 630<br>630 | 624<br>624 | 622<br>622 | 620<br>620 | 612<br>612 | 562<br>562 | 506<br>507 | 460<br>461 | 422<br>423 | 412<br>412 | 371<br>375 | 305<br>326 | 280<br>292 | 239<br>250 | 233<br>242 |
| 36 | -        | 184         | 181        | 179        | 177        | 177        | 173        | 169        | 163        | 159        | 152        | 146        | 137        | 135        | 132        | 126        | 123        | 120        |
|    | B        | 509         | 520        | 517        | 518        | 510        | 514        | 513        | 505        | 477        | 433        | 398        | 385        | 354        | 313        | 282        | 241        | 235        |
|    | B2<br>BW | 589<br>589  | 594<br>594 | 587<br>587 | 588<br>588 | 581<br>581 | 582<br>582 | 579<br>579 | 546<br>546 | 493<br>494 | 445<br>446 | 406<br>407 | 409<br>409 | 364<br>368 | 301<br>322 | 276<br>288 | 234<br>245 | 229<br>239 |
| 38 | -        | 170         | 167        | 165        | 163        | 162        | 161        | 157        | 151        | 147        | 141        | 135        | 126        | 124        | 122        | 115        | 113        | 110        |
|    | B        | 473         | 484        | 485        | 485        | 483        | 478        | 481        | 478        | 461        | 420        | 384        | 385        | 346        | 304        | 278        | 237        | 231        |
|    | B2<br>BW | 545<br>545  | 558<br>558 | 552<br>552 | 552<br>552 | 550<br>550 | 544<br>544 | 545<br>545 | 522<br>522 | 476<br>477 | 430<br>432 | 390<br>391 | 406<br>406 | 363<br>363 | 296<br>314 | 272<br>284 | 229<br>240 | 226<br>235 |
| 40 | -        | 158         | 155        | 152        | 151        | 150        | 150        | 146        | 140        | 136        | 130        | 125        | 116        | 114        | 112        | 106        | 104        | 101        |
|    | B        | 437         | 450        | 459        | 453        | 456        | 452        | 450        | 450        | 439        | 406        | 371        | 379        | 341        | 293        | 269        | 233        | 228        |
|    | B2<br>BW | 501<br>501  | 523<br>523 | 523<br>523 | 516<br>516 | 519<br>519 | 516<br>516 | 512<br>512 | 499<br>499 | 457<br>457 | 415<br>416 | 375<br>376 | 403<br>403 | 359<br>367 | 292<br>312 | 266<br>278 | 225<br>236 | 223<br>232 |
| 44 | -        | 138         | 135        | 131        | 130        | 129        | 129        | 126        | 122        | 118        | 112        | 107        | 99         | 97         | 95         | 90         | 88         | 85         |
|    | B        | 379         | 396        | 405        | 408        | 403        | 406        | 403        | 396        | 395        | 375        | 341        | 364        | 334        | 282        | 254        | 220        | 217        |
|    | B2<br>BW | 416<br>416  | 462<br>462 | 465<br>465 | 466<br>466 | 460<br>460 | 463<br>463 | 461<br>461 | 453<br>453 | 419<br>419 | 382<br>383 | 343<br>345 | 395<br>395 | 352<br>363 | 283<br>303 | 257<br>269 | 215<br>226 | 215<br>224 |



| m   |    | SL 48 - 144 |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |     |
|-----|----|-------------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|-----|
|     |    | 48          | 54  | 60  | 66  | 72  | 78  | 84  | 90   | 96   | 102  | 108  | 114  | 120  | 126  | 132  | 138  | 144  |     |
| 48  | -  |             | 118 | 115 | 113 | 111 | 111 | 110 | 106  | 102  | 97   | 92   | 84   | 83   | 81   | 76   | 74   | 71   |     |
|     | B2 |             | 352 | 360 | 365 | 366 | 363 | 363 | 360  | 356  | 343  | 309  | 335  | 318  | 273  | 245  | 213  | 213  |     |
|     | BW |             | 401 | 421 | 417 | 419 | 415 | 415 | 413  | 384  | 350  | 310  | 372  | 341  | 273  | 248  | 207  | 208  |     |
| 52  | -  |             |     | 102 | 99  | 97  | 97  | 96  | 93   | 89   | 84   | 79   | 72   | 71   | 69   | 64   | 62   | 60   |     |
|     | B2 |             |     | 322 | 333 | 330 | 332 | 328 | 325  | 324  | 316  | 278  | 307  | 298  | 259  | 235  | 204  | 206  |     |
|     | BW |             |     | 380 | 382 | 378 | 380 | 376 | 373  | 354  | 322  | 278  | 349  | 330  | 265  | 239  | 198  | 202  |     |
| 56  | -  |             |     |     | 87  | 86  | 85  | 84  | 81   | 78   | 73   | 68   | 61   | 60   | 59   | 53   | 52   | 49,7 |     |
|     | B2 |             |     |     | 296 | 301 | 300 | 301 | 296  | 293  | 290  | 256  | 280  | 278  | 251  | 225  | 191  | 196  |     |
|     | BW |             |     |     | 347 | 348 | 344 | 345 | 341  | 324  | 296  | 256  | 325  | 319  | 257  | 232  | 190  | 195  |     |
| 60  | -  |             |     |     |     | 76  | 75  | 74  | 72   | 68   | 63   | 58   | 51   | 51   | 49,5 | 44,4 | 43,3 | 40,8 |     |
|     | B2 |             |     |     |     | 273 | 277 | 273 | 273  | 269  | 263  | 233  | 258  | 257  | 244  | 217  | 182  | 186  |     |
|     | BW |             |     |     |     | 319 | 319 | 315 | 314  | 297  | 269  | 233  | 300  | 299  | 249  | 224  | 184  | 189  |     |
| 64  | -  |             |     |     |     | 68  | 67  | 65  | 63   | 60   | 55   | 50   | 43,3 | 42,7 | 41,4 | 36,4 | 35,4 | 33   |     |
|     | B2 |             |     |     |     | 251 | 255 | 252 | 249  | 248  | 241  | 211  | 236  | 237  | 229  | 208  | 175  | 180  |     |
|     | BW |             |     |     |     | 292 | 294 | 292 | 288  | 273  | 248  | 211  | 275  | 277  | 239  | 217  | 177  | 183  |     |
| 68  | -  |             |     |     |     |     | 59  | 57  | 55   | 52   | 47,2 | 42,5 | 36   | 35,5 | 34,2 | 29,3 | 28,4 | 26,1 |     |
|     | B2 |             |     |     |     |     | 227 | 231 | 232  | 227  | 219  | 195  | 215  | 217  | 213  | 198  | 167  | 174  |     |
|     | BW |             |     |     |     |     | 273 | 270 | 266  | 248  | 227  | 196  | 252  | 254  | 231  | 211  | 171  | 177  |     |
| 72  | -  |             |     |     |     |     |     | 50  | 47,6 | 45,2 | 40,6 | 36   | 29,6 | 29,1 | 27,9 | 23   | 22,1 | 19,8 |     |
|     | B2 |             |     |     |     |     |     | 214 | 215  | 209  | 198  | 180  | 200  | 199  | 198  | 188  | 162  | 166  |     |
|     | BW |             |     |     |     |     |     | 252 | 244  | 226  | 206  | 180  | 235  | 234  | 222  | 205  | 165  | 172  |     |
| 76  | -  |             |     |     |     |     |     |     | 41,5 | 38,9 | 34,9 | 30,2 | 23,9 | 23,4 | 22,2 | 17,3 | 16,5 |      |     |
|     | B2 |             |     |     |     |     |     |     | 200  | 191  | 178  | 164  | 185  | 186  | 184  | 178  | 157  | 161  |     |
|     | BW |             |     |     |     |     |     |     | 222  | 205  | 188  | 165  | 218  | 219  | 211  | 199  | 160  | 167  |     |
| 80  | -  |             |     |     |     |     |     |     | 36,3 | 33,4 | 29,8 | 25   | 18,8 | 18,2 | 17,1 |      |      |      |     |
|     | B2 |             |     |     |     |     |     |     | 179  | 170  | 160  | 150  | 170  | 172  | 172  | 167  | 153  | 157  |     |
|     | BW |             |     |     |     |     |     |     | 200  | 183  | 170  | 152  | 202  | 203  | 197  | 191  | 155  | 162  |     |
| 84  | -  |             |     |     |     |     |     |     |      | 28,6 | 25,1 | 20,4 |      |      |      |      |      |      |     |
|     | B2 |             |     |     |     |     |     |     |      | 151  | 146  | 137  | 159  | 159  | 160  | 156  | 145  | 152  |     |
|     | BW |             |     |     |     |     |     |     |      | 164  | 153  | 138  | 189  | 188  | 184  | 180  | 151  | 158  |     |
| 88  | -  |             |     |     |     |     |     |     |      |      | 20,8 | 16,3 |      |      |      |      |      |      |     |
|     | B2 |             |     |     |     |     |     |     |      |      | 136  | 122  | 149  | 149  | 147  | 145  | 137  | 142  |     |
|     | BW |             |     |     |     |     |     |     |      |      | 138  | 124  | 177  | 177  | 170  | 170  | 148  | 153  |     |
| 92  | -  |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |     |
|     | B2 |             |     |     |     |     |     |     |      |      |      | 107  | 138  | 139  | 137  | 134  | 129  | 133  |     |
|     | BW |             |     |     |     |     |     |     |      |      |      | 107  | 165  | 166  | 160  | 160  | 145  | 148  |     |
| 96  | -  |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |     |
|     | B2 |             |     |     |     |     |     |     |      |      |      |      | 95   | 115  | 130  | 127  | 125  | 121  | 123 |
|     | BW |             |     |     |     |     |     |     |      |      |      |      | 96   | 155  | 155  | 150  | 151  | 141  | 143 |
| 100 | -  |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |     |
|     | B2 |             |     |     |     |     |     |     |      |      |      |      |      | 104  | 118  | 118  | 117  | 114  | 113 |
|     | BW |             |     |     |     |     |     |     |      |      |      |      |      | 125  | 146  | 141  | 142  | 136  | 138 |
| 104 | -  |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |     |
|     | B2 |             |     |     |     |     |     |     |      |      |      |      |      |      | 109  | 109  | 109  | 108  | 106 |
|     | BW |             |     |     |     |     |     |     |      |      |      |      |      |      | 138  | 133  | 133  | 130  | 131 |
| 108 | -  |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |     |
|     | B2 |             |     |     |     |     |     |     |      |      |      |      |      |      |      | 102  | 102  | 102  | 100 |
|     | BW |             |     |     |     |     |     |     |      |      |      |      |      |      |      | 125  | 125  | 124  | 123 |
| 112 | -  |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |     |
|     | B2 |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      | 95   | 95   | 93  |
|     | BW |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      | 117  | 117  | 116 |
| 116 | -  |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |     |
|     | B2 |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      | 89   | 89   | 87  |
|     | BW |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      | 110  | 111  | 109 |
| 120 | -  |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |     |
|     | B2 |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      | 83   | 82  |
|     | BW |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      | 104  | 102 |
| 124 | -  |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |     |
|     | B2 |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      | 76  |
|     | BW |             |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      | 97  |





|  m | 30 m | 36 m | 42 m | 48 m | 54 m | 60 m | 66 m | 72 m | 78 m | 84 m | 90 m |  m |
|--|------|------|------|------|------|------|------|------|------|------|------|---|
| 8  | 979  | 966  | 958  | 950  | 944  | 926  |      |      |      |      |      | 8   |
| 9  | 871  | 867  | 853  | 849  | 835  | 829  | 813  | 786  |      |      |      | 9   |
| 10   | 790  | 779  | 776  | 766  | 758  | 748  | 733  | 705  | 672  | 639  | 610  | 10  |
| 11   | 718  | 714  | 702  | 701  | 691  | 682  | 669  | 637  | 609  | 581  | 556  | 11  |
| 12   | 662  | 649  | 649  | 637  | 636  | 629  | 607  | 579  | 555  | 531  | 509  | 12  |
| 14   | 561  | 558  | 552  | 547  | 541  | 534  | 509  | 488  | 470  | 451  | 434  | 14  |
| 16   | 483  | 477  | 476  | 473  | 462  | 456  | 436  | 419  | 404  | 389  | 375  | 16  |
| 18   | 424  | 417  | 410  | 412  | 407  | 395  | 379  | 365  | 353  | 340  | 329  | 18  |
| 20   | 370  | 366  | 364  | 358  | 357  | 348  | 334  | 321  | 312  | 300  | 291  | 20  |
| 22   | 328  | 324  | 320  | 319  | 312  | 310  | 297  | 286  | 277  | 267  | 259  | 22  |
| 24   | 289  | 288  | 286  | 281  | 280  | 276  | 266  | 256  | 249  | 240  | 232  | 24  |
| 26   | 257  | 257  | 251  | 253  | 247  | 249  | 240  | 231  | 224  | 216  | 209  | 26  |
| 28   | 231  | 229  | 228  | 227  | 222  | 221  | 218  | 209  | 203  | 196  | 190  | 28  |
| 30   |      | 208  | 206  | 202  | 201  | 198  | 196  | 191  | 185  | 178  | 172  | 30  |
| 32   |      | 189  | 186  | 186  | 181  | 181  | 174  | 174  | 169  | 162  | 157  | 32  |
| 34   |      |      | 171  | 169  | 165  | 165  | 160  | 156  | 155  | 148  | 144  | 34  |
| 36   |      |      | 156  | 154  | 152  | 148  | 147  | 143  | 142  | 136  | 132  | 36  |
| 38   |      |      | 144  | 143  | 139  | 137  | 134  | 132  | 129  | 125  | 121  | 38  |
| 40   |      |      |      | 132  | 128  | 127  | 121  | 121  | 119  | 115  | 111  | 40  |
| 44   |      |      |      | 113  | 110  | 107  | 105  | 101  | 101  | 98   | 94   | 44  |
| 48   |      |      |      |      | 96   | 93   | 89   | 87   | 85   | 83   | 80   | 48  |
| 52   |      |      |      |      |      | 81   | 77   | 74   | 73   | 70   | 68   | 52  |
| 56   |      |      |      |      |      |      | 67   | 64   | 61   | 59   | 57   | 56  |
| 60   |      |      |      |      |      |      |      | 55   | 53   | 48,5 | 48   | 60  |
| 64   |      |      |      |      |      |      |      | 47   | 44   | 41   | 38,5 | 64  |
| 68   |      |      |      |      |      |      |      |      | 37,5 | 34   | 32,5 | 68  |
| 72   |      |      |      |      |      |      |      |      |      | 28   | 26   | 72  |
| 76   |      |      |      |      |      |      |      |      |      |      | 20,6 | 76  |

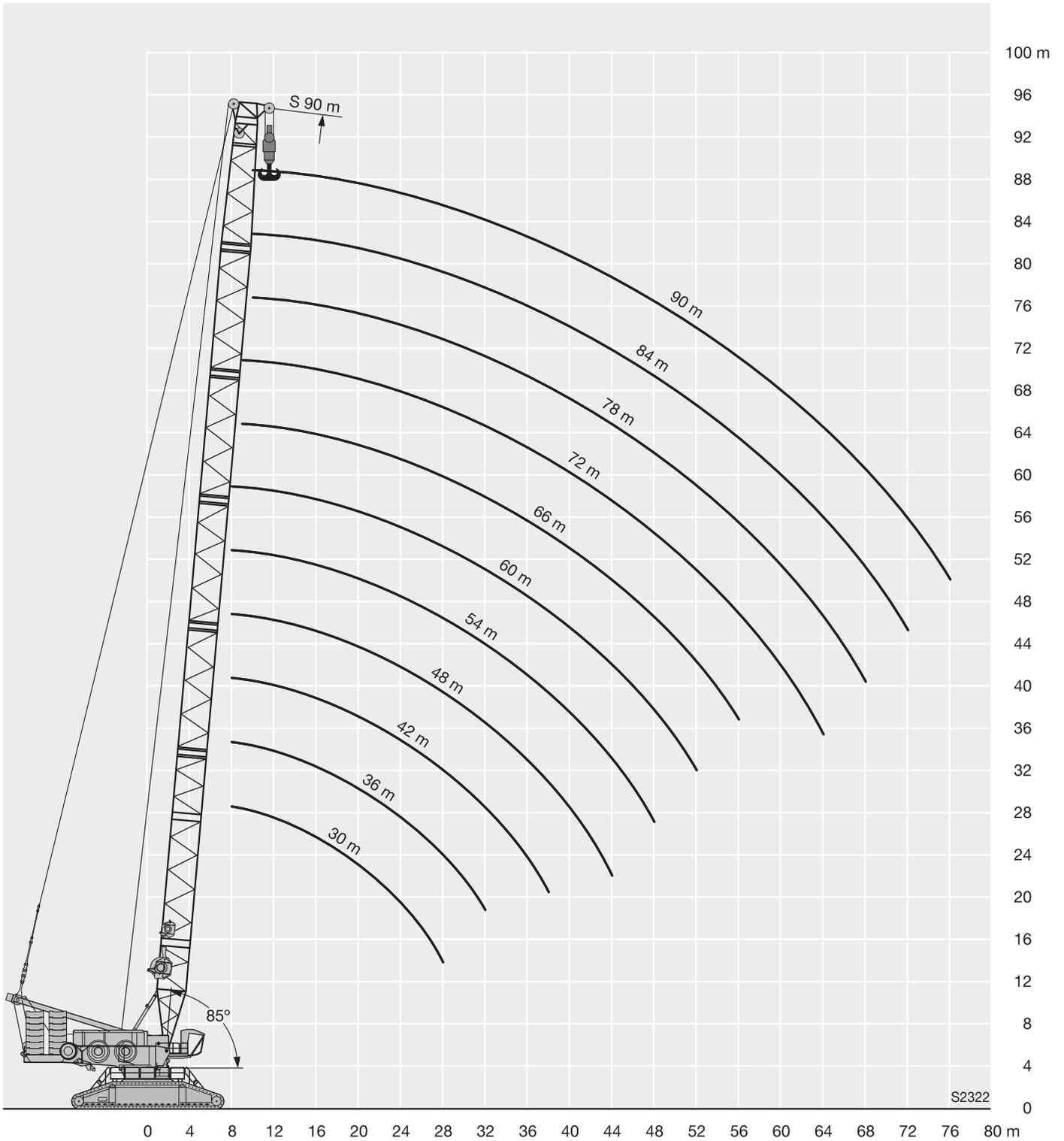
# Hubhöhen

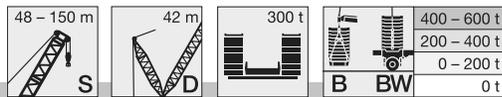
## Lifting heights

Hauteurs de levage • Altezze di sollevamento

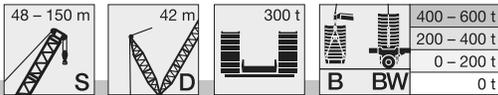
Alturas de elevación • Высота подъема

S

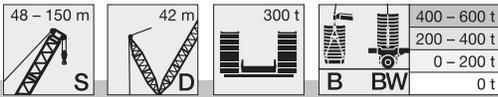




| m  |          | S 48 - 150   |              |              |              |              |            |            |            |            |            |            |            |            |            |            |            |            |            |
|----|----------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|    |          | 48           | 54           | 60           | 66           | 72           | 78         | 84         | 90         | 96         | 102        | 108        | 114        | 120        | 126        | 132        | 138        | 144        | 150        |
| 10 | -        | 868          |              |              |              |              |            |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B        | 1250         |              |              |              |              |            |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B2<br>BW | 1250<br>1250 |              |              |              |              |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 11 | -        | 791          | 782          |              |              |              |            |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B        | 1250         | 1250         |              |              |              |            |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B2<br>BW | 1250<br>1250 | 1250<br>1250 |              |              |              |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 12 | -        | 727          | 718          | 705          |              |              |            |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B        | 1250         | 1250         | 1235         | 1146         |              |            |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B2<br>BW | 1250<br>1250 | 1250<br>1250 | 1250<br>1250 | 1190<br>1190 |              |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 14 | -        | 622          | 616          | 589          | 563          | 541          | 521        |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B        | 1192         | 1215         | 1168         | 1098         | 1016         | 933        |            |            |            |            |            |            |            |            |            |            |            |            |
|    | B2<br>BW | 1237<br>1250 | 1250<br>1250 | 1250<br>1231 | 1151<br>1151 | 1059<br>1059 | 967<br>970 |            |            |            |            |            |            |            |            |            |            |            |            |
| 16 | -        | 540          | 525          | 503          | 483          | 465          | 449        | 433        | 420        |            |            |            |            |            |            |            |            |            |            |
|    | B        | 1162         | 1137         | 1101         | 1046         | 978          | 906        | 830        | 745        | 666        |            |            |            |            |            |            |            |            |            |
|    | B2<br>BW | 1216<br>1216 | 1217<br>1217 | 1172<br>1172 | 1106<br>1106 | 1027<br>1027 | 947<br>948 | 859<br>867 | 762<br>774 | 680<br>688 |            |            |            |            |            |            |            |            |            |
| 18 | -        | 474          | 455          | 437          | 420          | 406          | 392        | 379        | 369        | 352        | 341        | 328        |            |            |            |            |            |            |            |
|    | B        | 1072         | 1059         | 1026         | 987          | 938          | 877        | 811        | 733        | 660        | 591        | 530        | 473        |            |            |            |            |            |            |
|    | B2<br>BW | 1169<br>1169 | 1145<br>1145 | 1114<br>1114 | 1061<br>1061 | 993<br>993   | 923<br>923 | 846<br>851 | 753<br>766 | 676<br>687 | 602<br>611 | 538<br>547 | 473<br>473 |            |            |            |            |            |            |
| 20 | -        | 417          | 400          | 385          | 370          | 358          | 346        | 335        | 326        | 312        | 302        | 292        | 284        | 275        | 255        |            |            |            |            |
|    | B        | 969          | 968          | 950          | 922          | 887          | 843        | 788        | 722        | 651        | 582        | 528        | 473        | 417        | 385        |            |            |            |            |
|    | B2<br>BW | 1078<br>1078 | 1060<br>1060 | 1048<br>1048 | 1014<br>1014 | 956<br>956   | 898<br>898 | 831<br>832 | 748<br>762 | 669<br>678 | 597<br>604 | 536<br>545 | 473<br>473 | 417<br>417 | 383<br>391 |            |            |            |            |
| 22 | -        | 370          | 356          | 342          | 329          | 319          | 308        | 299        | 292        | 279        | 270        | 261        | 255        | 246        | 237        | 230        | 223        |            |            |
|    | B        | 888          | 877          | 873          | 857          | 835          | 802        | 759        | 710        | 642        | 576        | 521        | 468        | 417        | 382        | 339        | 302        | 275        |            |
|    | B2<br>BW | 993<br>993   | 976<br>976   | 969<br>969   | 953<br>953   | 919<br>919   | 869<br>869 | 811<br>811 | 741<br>750 | 665<br>676 | 593<br>604 | 533<br>538 | 473<br>473 | 417<br>417 | 382<br>389 | 341<br>345 | 302<br>302 | 275<br>278 |            |
| 24 | -        | 328          | 319          | 307          | 295          | 286          | 277        | 268        | 262        | 251        | 243        | 234        | 229        | 222        | 213        | 206        | 201        | 192        | 186        |
|    | B        | 812          | 807          | 796          | 792          | 780          | 760        | 728        | 687        | 632        | 570        | 517        | 463        | 415        | 377        | 337        | 302        | 274        | 243        |
|    | B2<br>BW | 910<br>910   | 903<br>903   | 890<br>890   | 884<br>884   | 865<br>865   | 839<br>839 | 789<br>789 | 730<br>730 | 653<br>661 | 589<br>600 | 529<br>539 | 473<br>473 | 417<br>417 | 380<br>387 | 339<br>343 | 302<br>302 | 274<br>277 | 243<br>243 |
| 26 | -        | 291          | 288          | 277          | 266          | 258          | 250        | 242        | 237        | 226        | 220        | 212        | 207        | 200        | 192        | 186        | 181        | 173        | 167        |
|    | B        | 746          | 744          | 735          | 726          | 724          | 712        | 694        | 665        | 619        | 551        | 507        | 459        | 413        | 373        | 333        | 299        | 271        | 243        |
|    | B2<br>BW | 840<br>840   | 834<br>834   | 827<br>827   | 814<br>814   | 807<br>807   | 790<br>790 | 762<br>762 | 720<br>720 | 654<br>654 | 583<br>588 | 526<br>530 | 472<br>473 | 417<br>417 | 379<br>386 | 338<br>341 | 302<br>302 | 273<br>276 | 243<br>243 |
| 28 | -        | 260          | 257          | 252          | 242          | 234          | 227        | 220        | 215        | 205        | 199        | 192        | 188        | 181        | 174        | 168        | 164        | 156        | 151        |
|    | B        | 689          | 683          | 681          | 673          | 668          | 663        | 651        | 636        | 607        | 552        | 500        | 451        | 410        | 372        | 331        | 298        | 269        | 243        |
|    | B2<br>BW | 781<br>781   | 769<br>769   | 768<br>768   | 758<br>758   | 749<br>749   | 740<br>740 | 721<br>721 | 697<br>697 | 647<br>647 | 577<br>578 | 522<br>531 | 465<br>472 | 417<br>417 | 377<br>384 | 336<br>340 | 302<br>302 | 271<br>275 | 243<br>243 |
| 30 | -        | 235          | 232          | 229          | 220          | 214          | 207        | 200        | 196        | 187        | 181        | 174        | 171        | 165        | 158        | 153        | 149        | 141        | 136        |
|    | B        | 633          | 637          | 628          | 626          | 620          | 615        | 609        | 599        | 582        | 544        | 494        | 446        | 397        | 363        | 329        | 296        | 267        | 242        |
|    | B2<br>BW | 722<br>722   | 719<br>719   | 710<br>710   | 707<br>707   | 699<br>699   | 691<br>691 | 680<br>680 | 663<br>663 | 627<br>627 | 572<br>572 | 519<br>528 | 464<br>471 | 415<br>417 | 375<br>378 | 335<br>338 | 301<br>302 | 270<br>274 | 243<br>243 |
| 32 | -        | 213          | 210          | 207          | 202          | 195          | 189        | 183        | 179        | 171        | 166        | 159        | 156        | 150        | 144        | 139        | 135        | 128        | 123        |
|    | B        | 586          | 591          | 587          | 579          | 579          | 573        | 567        | 563        | 550        | 522        | 487        | 442        | 396        | 359        | 320        | 293        | 266        | 241        |
|    | B2<br>BW | 676<br>676   | 669<br>669   | 665<br>665   | 657<br>657   | 655<br>655   | 647<br>647 | 639<br>639 | 628<br>628 | 601<br>601 | 556<br>556 | 513<br>522 | 460<br>468 | 412<br>417 | 373<br>379 | 330<br>335 | 299<br>301 | 269<br>273 | 242<br>243 |
| 34 | -        | 195          | 192          | 189          | 186          | 180          | 173        | 168        | 164        | 156        | 151        | 145        | 142        | 137        | 131        | 126        | 123        | 116        | 111        |
|    | B        | 541          | 548          | 548          | 540          | 538          | 537        | 530        | 526        | 518        | 498        | 469        | 434        | 392        | 356        | 320        | 289        | 262        | 238        |
|    | B2<br>BW | 632<br>632   | 623<br>623   | 622<br>622   | 614<br>614   | 611<br>611   | 608<br>608 | 601<br>601 | 594<br>594 | 575<br>575 | 540<br>540 | 502<br>502 | 453<br>460 | 409<br>414 | 371<br>377 | 330<br>334 | 298<br>300 | 267<br>271 | 241<br>243 |
| 36 | -        | 179          | 176          | 173          | 170          | 165          | 159        | 154        | 151        | 143        | 139        | 133        | 130        | 125        | 119        | 115        | 112        | 105        | 101        |
|    | B        | 497          | 514          | 510          | 508          | 500          | 501        | 499        | 494        | 487        | 474        | 451        | 422        | 384        | 354        | 318        | 287        | 261        | 234        |
|    | B2<br>BW | 587<br>587   | 587<br>587   | 580<br>580   | 578<br>578   | 570<br>570   | 570<br>570 | 567<br>567 | 561<br>561 | 549<br>549 | 524<br>524 | 492<br>492 | 450<br>450 | 401<br>404 | 368<br>375 | 328<br>332 | 296<br>299 | 266<br>271 | 238<br>243 |
| 38 | -        | 166          | 162          | 159          | 155          | 153          | 147        | 142        | 139        | 132        | 127        | 122        | 119        | 114        | 109        | 104        | 102        | 95         | 91         |
|    | B        | 465          | 481          | 479          | 476          | 472          | 465        | 468        | 466        | 458        | 450        | 434        | 409        | 374        | 343        | 315        | 285        | 259        | 232        |
|    | B2<br>BW | 541<br>541   | 551<br>551   | 545<br>545   | 542<br>542   | 539<br>539   | 531<br>531 | 533<br>533 | 531<br>531 | 522<br>522 | 508<br>508 | 481<br>481 | 444<br>444 | 400<br>400 | 363<br>367 | 326<br>331 | 295<br>298 | 264<br>270 | 236<br>242 |
| 40 | -        | 153          | 150          | 146          | 143          | 141          | 136        | 131        | 128        | 121        | 117        | 111        | 109        | 105        | 99         | 95         | 92         | 86         | 82         |
|    | B        | 434          | 447          | 453          | 444          | 445          | 440        | 436        | 439        | 434        | 427        | 416        | 396        | 364        | 333        | 305        | 282        | 258        | 230        |
|    | B2<br>BW | 495<br>495   | 517<br>517   | 516<br>516   | 506<br>506   | 509<br>509   | 503<br>503 | 499<br>499 | 501<br>501 | 496<br>496 | 489<br>489 | 470<br>470 | 438<br>438 | 396<br>396 | 360<br>361 | 323<br>323 | 293<br>295 | 263<br>269 | 234<br>241 |
| 44 | -        | 134          | 129          | 126          | 122          | 120          | 117        | 112        | 109        | 103        | 99         | 94         | 92         | 88         | 82         | 79         | 76         | 70         | 66         |
|    | B        | 374          | 393          | 401          | 400          | 393          | 393        | 390        | 385        | 385        | 384        | 379        | 369        | 344        | 322        | 293        | 270        | 246        | 224        |
|    | B2<br>BW | 409<br>409   | 459<br>459   | 458<br>458   | 457<br>457   | 450<br>450   | 450<br>450 | 447<br>447 | 442<br>442 | 442<br>442 | 441<br>441 | 435<br>435 | 423<br>423 | 388<br>388 | 353<br>353 | 318<br>320 | 288<br>290 | 256<br>262 | 229<br>235 |



| m   |          | S 48 - 150 |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |
|-----|----------|------------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|
|     |          | 48         | 54  | 60  | 66  | 72  | 78   | 84   | 90   | 96   | 102  | 108  | 114  | 120  | 126  | 132  | 138  | 144  | 150  |     |     |
| 48  | -        |            | 113 | 109 | 105 | 103 | 101  | 96   | 93   | 88   | 84   | 79   | 77   | 73   | 68   | 65   | 62   | 56   | 53   |     |     |
|     | B        |            | 347 | 357 | 357 | 356 | 351  | 350  | 350  | 344  | 341  | 340  | 337  | 321  | 307  | 281  | 261  | 237  | 215  |     |     |
|     | B2<br>BW |            | 394 | 416 | 409 | 409 | 403  | 402  | 402  | 396  | 393  | 392  | 388  | 368  | 345  | 314  | 284  | 252  | 224  |     |     |
| 52  | -        |            |     | 96  | 92  | 89  | 87   | 83   | 80   | 75   | 71   | 66   | 65   | 61   | 56   | 53   | 51   | 44,6 | 41,4 |     |     |
|     | B        |            |     | 319 | 326 | 320 | 320  | 315  | 314  | 312  | 309  | 302  | 304  | 296  | 285  | 267  | 251  | 230  | 209  |     |     |
|     | B2<br>BW |            |     | 373 | 374 | 368 | 368  | 363  | 362  | 361  | 357  | 350  | 352  | 341  | 325  | 303  | 279  | 246  | 219  |     |     |
| 56  | -        |            |     |     | 81  | 78  | 75   | 72   | 69   | 64   | 60   | 56   | 54   | 50   | 45,7 | 42,2 | 40,4 | 34,5 | 31,4 |     |     |
|     | B        |            |     |     | 292 | 294 | 288  | 288  | 286  | 281  | 281  | 278  | 275  | 270  | 264  | 251  | 238  | 221  | 204  |     |     |
|     | B2<br>BW |            |     |     | 341 | 338 | 333  | 333  | 330  | 326  | 326  | 323  | 320  | 315  | 305  | 289  | 269  | 240  | 214  |     |     |
| 60  | -        |            |     |     | 72  | 68  | 65   | 62   | 59   | 54   | 51   | 46,2 | 44,7 | 40,8 | 36,5 | 33,1 | 31,4 | 25,6 | 22,6 |     |     |
|     | B        |            |     |     | 262 | 269 | 266  | 261  | 262  | 258  | 253  | 253  | 249  | 243  | 243  | 234  | 225  | 210  | 194  |     |     |
|     | B2<br>BW |            |     |     | 306 | 310 | 307  | 302  | 303  | 300  | 295  | 295  | 295  | 291  | 285  | 276  | 259  | 233  | 207  |     |     |
| 64  | -        |            |     |     |     | 60  | 56   | 53   | 51   | 46,1 | 42,8 | 38   | 36,5 | 32,6 | 28,4 | 25,1 | 23,5 | 17,8 | 14,7 |     |     |
|     | B        |            |     |     |     | 241 | 244  | 242  | 238  | 237  | 234  | 229  | 230  | 228  | 225  | 218  | 211  | 200  | 184  |     |     |
|     | B2<br>BW |            |     |     |     | 286 | 282  | 280  | 276  | 276  | 273  | 268  | 270  | 268  | 264  | 260  | 248  | 226  | 202  |     |     |
| 68  | -        |            |     |     |     |     | 48,4 | 45,3 | 43,7 | 38,9 | 35,5 | 30,8 | 29,3 | 25,4 | 21,3 | 18   | 16,4 | 10,8 |      |     |     |
|     | B        |            |     |     |     |     | 222  | 222  | 221  | 216  | 216  | 212  | 210  | 208  | 206  | 202  | 197  | 189  | 174  |     |     |
|     | B2<br>BW |            |     |     |     |     | 262  | 259  | 257  | 253  | 253  | 249  | 247  | 245  | 243  | 241  | 234  | 220  | 196  |     |     |
| 72  | -        |            |     |     |     |     |      | 38,7 | 37   | 32,6 | 29,2 | 24,4 | 22,9 | 19   | 14,9 | 11,7 | 10,2 |      |      |     |     |
|     | B        |            |     |     |     |     |      | 206  | 204  | 201  | 198  | 196  | 195  | 191  | 188  | 186  | 184  | 177  | 164  |     |     |
|     | B2<br>BW |            |     |     |     |     |      | 240  | 239  | 236  | 232  | 231  | 230  | 225  | 223  | 222  | 218  | 207  | 190  |     |     |
| 76  | -        |            |     |     |     |     |      |      | 31,1 | 27,2 | 23,6 | 18,8 | 17,1 | 13,2 |      |      |      |      |      |     |     |
|     | B        |            |     |     |     |     |      |      | 190  | 187  | 184  | 179  | 180  | 177  | 173  | 170  | 170  | 164  | 155  |     |     |
|     | B2<br>BW |            |     |     |     |     |      |      | 222  | 219  | 217  | 212  | 213  | 210  | 206  | 203  | 202  | 194  | 181  |     |     |
| 80  | -        |            |     |     |     |     |      |      |      | 25,9 | 22,4 | 18,7 | 13,8 | 12   |      |      |      |      |      |     |     |
|     | B        |            |     |     |     |     |      |      |      | 173  | 173  | 171  | 167  | 165  | 164  | 161  | 158  | 156  | 152  | 145 |     |
|     | B2<br>BW |            |     |     |     |     |      |      |      | 208  | 204  | 202  | 198  | 196  | 195  | 192  | 189  | 187  | 181  | 172 |     |
| 84  | -        |            |     |     |     |     |      |      |      |      | 17,9 | 14,4 |      |      |      |      |      |      |      |     |     |
|     | B        |            |     |     |     |     |      |      |      |      | 160  | 159  | 156  | 154  | 150  | 149  | 146  | 145  | 139  | 136 |     |
|     | B2<br>BW |            |     |     |     |     |      |      |      |      | 191  | 188  | 185  | 184  | 180  | 178  | 176  | 175  | 169  | 164 |     |
| 88  | -        |            |     |     |     |     |      |      |      |      |      | 10,7 |      |      |      |      |      |      |      |     |     |
|     | B        |            |     |     |     |     |      |      |      |      |      | 148  | 144  | 144  | 140  | 137  | 135  | 135  | 130  | 127 |     |
|     | B2<br>BW |            |     |     |     |     |      |      |      |      |      | 176  | 172  | 172  | 168  | 165  | 164  | 163  | 158  | 155 |     |
| 92  | -        |            |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |
|     | B        |            |     |     |     |     |      |      |      |      |      |      | 135  | 133  | 129  | 128  | 124  | 125  | 120  | 118 |     |
|     | B2<br>BW |            |     |     |     |     |      |      |      |      |      |      | 162  | 160  | 158  | 154  | 151  | 152  | 147  | 145 |     |
| 96  | -        |            |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |
|     | B        |            |     |     |     |     |      |      |      |      |      |      |      | 127  | 120  | 119  | 119  | 116  | 114  | 111 | 109 |
|     | B2<br>BW |            |     |     |     |     |      |      |      |      |      |      |      | 152  | 150  | 147  | 145  | 142  | 140  | 137 | 135 |
| 100 | -        |            |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |
|     | B        |            |     |     |     |     |      |      |      |      |      |      |      |      | 111  | 111  | 110  | 108  | 106  | 101 | 100 |
|     | B2<br>BW |            |     |     |     |     |      |      |      |      |      |      |      |      | 141  | 138  | 135  | 133  | 131  | 126 | 125 |
| 104 | -        |            |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |
|     | B        |            |     |     |     |     |      |      |      |      |      |      |      |      |      | 104  | 103  | 100  | 99   | 94  | 91  |
|     | B2<br>BW |            |     |     |     |     |      |      |      |      |      |      |      |      |      | 128  | 126  | 124  | 123  | 118 | 116 |
| 108 | -        |            |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |
|     | B        |            |     |     |     |     |      |      |      |      |      |      |      |      |      | 96   | 93   | 92   | 87   | 84  |     |
|     | B2<br>BW |            |     |     |     |     |      |      |      |      |      |      |      |      |      | 117  | 115  | 115  | 111  | 108 |     |
| 112 | -        |            |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |
|     | B        |            |     |     |     |     |      |      |      |      |      |      |      |      |      |      | 90   | 86   | 85   | 80  | 78  |
|     | B2<br>BW |            |     |     |     |     |      |      |      |      |      |      |      |      |      |      | 111  | 108  | 107  | 103 | 101 |
| 116 | -        |            |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |
|     | B        |            |     |     |     |     |      |      |      |      |      |      |      |      |      |      | 80   | 79   | 74   | 72  |     |
|     | B2<br>BW |            |     |     |     |     |      |      |      |      |      |      |      |      |      |      | 102  | 100  | 95   | 94  |     |



| m   |          | S 48 - 150 |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |
|-----|----------|------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |          | 48         | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | 102 | 108 | 114 | 120 | 126 | 132 | 138 | 144 | 150 |
| 120 | -        |            |    |    |    |    |    |    |    |    |     |     |     |     |     |     | 73  | 68  | 65  |
|     | B        |            |    |    |    |    |    |    |    |    |     |     |     |     |     |     | 94  | 89  | 86  |
|     | B2<br>BW |            |    |    |    |    |    |    |    |    |     |     |     |     |     |     | 94  | 89  | 86  |
| 124 | -        |            |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     | 63  | 60  |
|     | B        |            |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     | 83  | 81  |
|     | B2<br>BW |            |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     | 83  | 81  |
| 128 | -        |            |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     | 55  |
|     | B        |            |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     | 75  |
|     | B2<br>BW |            |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     | 75  |
| 132 | -        |            |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     | 50  |
|     | B        |            |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     | 70  |
|     | B2<br>BW |            |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     | 70  |

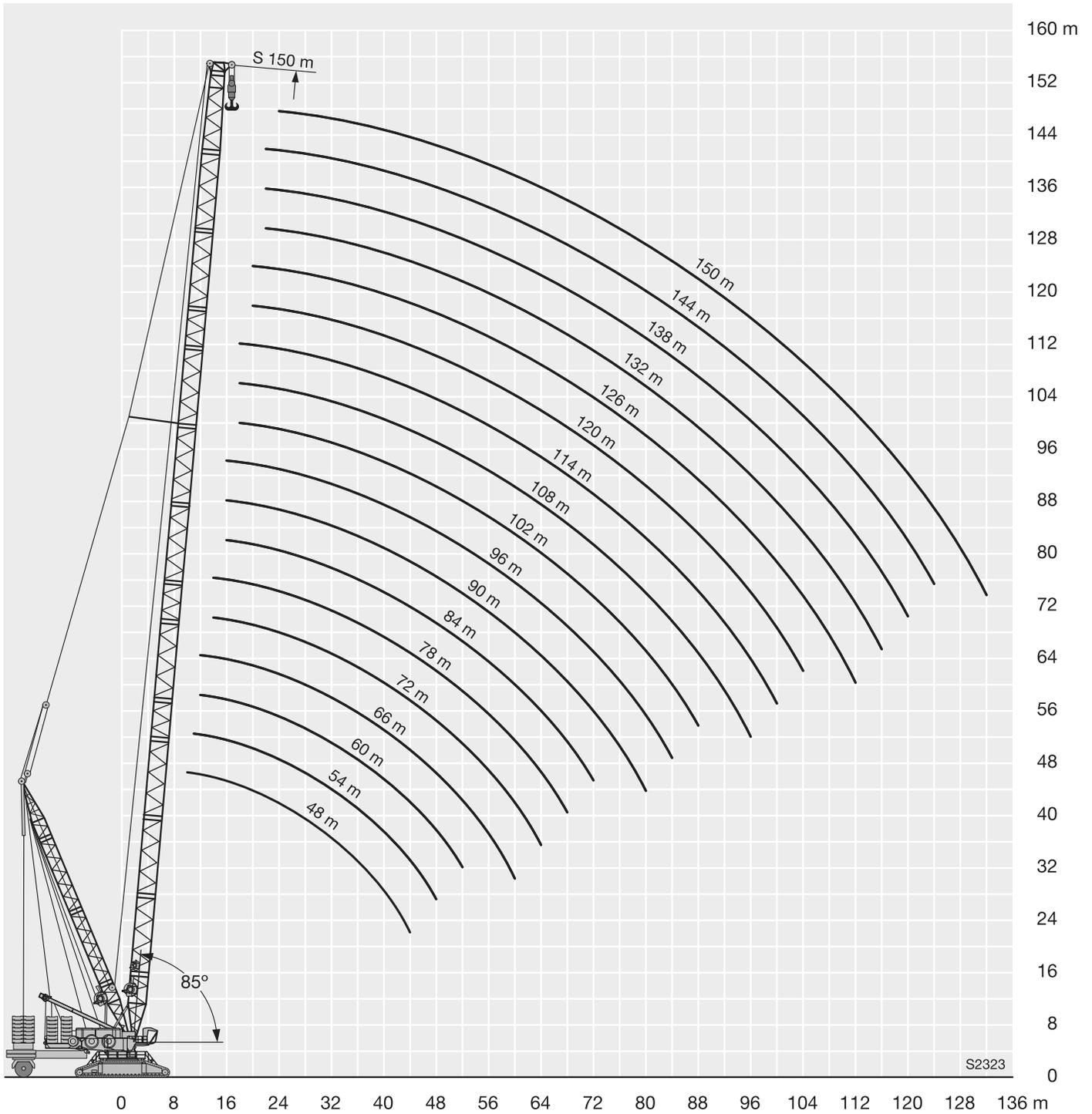
**Hubhöhen**

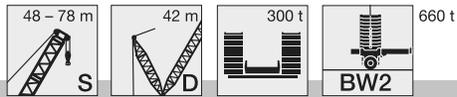
**Lifting heights**

Hauteurs de levage • Altezze di sollevamento

Alturas de elevación • Высота подъема

**SD / SDB / B2 / BW**





| m  | 48 m | 54 m | 60 m | 66 m | 72 m | 78 m | m  |
|----|------|------|------|------|------|------|----|
| 10 | 1309 |      |      |      |      |      | 10 |
| 11 | 1291 | 1335 |      |      |      |      | 11 |
| 12 | 1275 | 1319 | 1350 | 1252 |      |      | 12 |
| 14 | 1249 | 1292 | 1312 | 1248 | 1116 | 981  | 14 |
| 16 | 1228 | 1270 | 1262 | 1216 | 1107 | 972  | 16 |
| 18 | 1211 | 1223 | 1192 | 1158 | 1094 | 963  | 18 |
| 20 | 1133 | 1120 | 1111 | 1082 | 1036 | 945  | 20 |
| 22 | 1034 | 1016 | 1014 | 1001 | 977  | 916  | 22 |
| 24 | 935  | 930  | 917  | 917  | 907  | 886  | 24 |
| 26 | 853  | 850  | 843  | 833  | 835  | 824  | 26 |
| 28 | 787  | 775  | 777  | 769  | 763  | 763  | 28 |
| 30 | 722  | 722  | 711  | 714  | 706  | 701  | 30 |
| 32 | 675  | 670  | 664  | 658  | 659  | 651  | 32 |
| 34 | 631  | 621  | 621  | 613  | 612  | 611  | 34 |
| 36 | 586  | 586  | 578  | 577  | 568  | 571  | 36 |
| 38 | 540  | 550  | 543  | 541  | 538  | 530  | 38 |
| 40 | 494  | 515  | 514  | 505  | 508  | 502  | 40 |
| 44 | 408  | 459  | 457  | 456  | 449  | 449  | 44 |
| 48 |      | 393  | 415  | 408  | 408  | 402  | 48 |
| 52 |      |      | 372  | 373  | 367  | 367  | 52 |
| 56 |      |      |      | 341  | 338  | 332  | 56 |
| 60 |      |      |      | 304  | 309  | 307  | 60 |
| 64 |      |      |      |      | 286  | 282  | 64 |
| 68 |      |      |      |      |      | 262  | 68 |



| m   | S 36 |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |      |      |     |     |    |      |      |
|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|------|------|-----|-----|------|-----|------|------|-----|-----|----|------|------|
|     | W 30 |     |     | W 36 |     |     | W 42 |     |     | W 48 |     |     | W 54 |     |     | W 60 |     |     | W 66 |     |      | W 72 |     |     | W 78 |     |      | W 84 |     |     |    |      |      |
|     | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77° | 67°  | 87°  | 77° | 67° | 87°  | 77° | 67°  | 87°  | 77° | 67° |    |      |      |
| 16  | 452  |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |      |      |     |     |    |      |      |
| 18  | 399  |     |     | 386  |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |      |      |     |     |    |      |      |
| 20  | 356  |     |     | 345  |     |     | 335  |     |     | 323  |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |      |      |     |     |    |      |      |
| 22  | 321  |     |     | 312  |     |     | 303  |     |     | 292  |     |     | 284  |     |     |      |     |     |      |     |      |      |     |     |      |     |      |      |     |     |    |      |      |
| 24  | 292  |     |     | 284  |     |     | 276  |     |     | 266  |     |     | 259  |     |     | 250  |     |     |      |     |      |      |     |     |      |     |      |      |     |     |    |      |      |
| 26  | 268  | 243 |     | 260  |     |     | 253  |     |     | 244  |     |     | 238  |     |     | 229  |     | 224 |      |     |      |      |     |     |      |     |      |      |     |     |    |      |      |
| 28  | 247  | 223 |     | 240  |     |     | 233  |     |     | 225  |     |     | 219  |     |     | 211  |     | 207 |      | 201 |      |      |     |     |      |     |      |      |     |     |    |      |      |
| 30  | 230  | 206 |     | 222  | 200 |     | 216  |     |     | 208  |     |     | 203  |     |     | 196  |     | 191 |      | 186 |      |      | 181 |     |      |     |      |      |     |     |    |      |      |
| 32  | 213  | 192 |     | 207  | 186 |     | 201  | 181 |     | 193  |     |     | 189  |     |     | 182  |     | 178 |      | 173 |      |      | 168 |     |      |     | 163  |      |     |     |    |      |      |
| 34  |      | 179 |     | 194  | 173 |     | 188  | 168 |     | 180  | 161 |     | 176  |     |     | 169  |     | 166 |      | 161 |      |      | 157 |     |      |     | 152  |      |     |     |    |      |      |
| 36  |      | 167 | 151 | 181  | 162 |     | 176  | 157 |     | 169  | 150 |     | 165  |     |     | 158  |     | 155 |      | 150 |      |      | 146 |     |      |     | 142  |      |     |     |    |      |      |
| 38  |      | 155 | 141 | 167  | 152 |     | 166  | 148 |     | 159  | 141 |     | 155  | 137 |     | 149  |     | 145 |      | 141 |      |      | 137 |     |      |     | 133  |      |     |     |    |      |      |
| 40  |      | 144 | 133 |      | 143 | 228 | 156  | 139 |     | 149  | 132 |     | 146  | 129 |     | 140  | 123 | 136 |      | 132 |      |      | 129 |     |      |     | 124  |      |     |     |    |      |      |
| 44  |      |     | 116 |      | 125 | 113 |      | 124 | 110 | 134  | 118 |     | 130  | 114 |     | 124  | 108 | 121 | 206  |     | 117  |      |     | 114 |      |     | 110  |      |     |     |    |      |      |
| 48  |      |     |     |      |     | 100 |      | 110 | 98  | 118  | 105 | 92  | 117  | 102 |     | 111  | 97  | 108 | 94   |     | 104  | 90   |     | 102 | 87   |     |      | 98   |     |     |    |      |      |
| 52  |      |     |     |      |     | 89  |      | 98  | 88  |      | 95  | 83  | 105  | 92  | 79  | 100  | 86  | 97  | 84   |     | 94   | 80   |     | 91  | 77   |     |      | 87   | 74  |     |    |      |      |
| 56  |      |     |     |      |     |     |      |     | 79  |      | 85  | 74  | 94   | 83  | 71  | 91   | 78  | 66  |      | 88  | 75   |      | 85  | 69  |      |     | 78   | 65   |     |     |    |      |      |
| 60  |      |     |     |      |     |     |      |     |     |      |     | 68  |      | 76  | 65  | 83   | 71  | 59  |      | 80  | 68   | 57   | 77  | 64  |      |     | 74   | 58   |     |     |    |      |      |
| 64  |      |     |     |      |     |     |      |     |     |      |     | 62  |      |     | 68  | 59   |     |     |      | 64  | 53   | 74   | 62  | 51  | 70   | 58  | 47,5 | 67   | 56  |     |    |      |      |
| 68  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     | 68   | 59  |     |      | 59  | 48,5 | 67   | 56  | 46  | 64   | 53  | 42,5 | 61   | 50  | 40  | 58 | 46,5 | 36,5 |
| 72  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     | 44,5 |      |     |     |      |     |      |      |     |     |    |      |      |
| 76  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     | 41   |      |     |     |      |     |      |      |     |     |    |      |      |
| 80  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |      |      |     |     |    |      |      |
| 84  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |      |      |     |     |    |      |      |
| 88  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |      |      |     |     |    |      |      |
| 92  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |      |      |     |     |    |      |      |
| 96  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |      |      |     |     |    |      |      |
| 100 |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |      |      |     |     |    |      |      |



| m   | S 42 |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |
|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|------|------|-----|-----|------|-----|-----|------|------|-----|------|------|------|------|------|------|------|------|
|     | W 30 |     |     | W 36 |     |     | W 42 |     |     | W 48 |     |     | W 54 |     |      | W 60 |     |     | W 66 |     |     | W 72 |      |     | W 78 |      |      | W 84 |      |      |      |      |
|     | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77° | 67°  | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77°  | 67° | 87°  | 77°  | 67°  | 87°  | 77°  | 67°  |      |      |
| 16  | 434  |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |
| 18  | 384  |     |     | 372  |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |
| 20  | 343  |     |     | 333  |     |     | 323  |     |     |      |     |     |      |     |      |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |
| 22  | 310  |     |     | 301  |     |     | 293  |     |     | 284  |     |     |      |     |      |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |
| 24  | 283  |     |     | 274  |     |     | 267  |     |     | 259  |     |     | 251  |     |      |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |
| 26  | 259  |     |     | 252  |     |     | 245  |     |     | 238  |     |     | 230  |     |      | 224  |     |     | 217  |     |     |      |      |     |      |      |      |      |      |      |      |      |
| 28  | 239  | 211 |     | 232  |     |     | 226  |     |     | 219  |     |     | 213  |     |      | 207  |     |     | 200  |     |     | 194  |      |     |      |      |      |      |      |      |      |      |
| 30  | 222  | 195 |     | 215  | 189 |     | 209  |     |     | 203  |     |     | 197  |     |      | 192  |     |     | 185  |     |     | 180  |      |     | 175  |      |      |      |      |      |      |      |
| 32  | 208  | 181 |     | 201  | 176 |     | 195  |     |     | 189  |     |     | 183  |     |      | 178  |     |     | 172  |     |     | 167  |      |     | 163  |      |      | 158  |      |      |      |      |
| 34  |      | 169 |     | 188  | 164 |     | 182  | 159 |     | 177  |     |     | 171  |     |      | 166  |     |     | 161  |     |     | 156  |      |     | 152  |      |      | 147  |      |      |      |      |
| 36  |      | 159 |     | 176  | 153 |     | 171  | 149 |     | 165  | 144 |     | 160  |     |      | 155  |     |     | 150  |     |     | 146  |      |     | 142  |      |      | 137  |      |      |      |      |
| 38  |      | 149 |     | 167  | 144 |     | 161  | 140 |     | 155  | 135 |     | 150  | 130 |      | 146  |     |     | 141  |     |     | 136  |      |     | 133  |      |      | 129  |      |      |      |      |
| 40  |      | 141 | 122 |      | 135 |     | 152  | 131 |     | 146  | 126 |     | 141  | 122 |      | 137  |     |     | 132  |     |     | 128  |      |     | 125  |      |      | 121  |      |      |      |      |
| 44  |      |     | 109 |      | 121 | 104 |      | 117 |     | 131  | 112 |     | 126  | 108 |      | 122  | 104 |     | 117  | 99  |     | 114  |      |     | 111  |      |      | 106  |      |      |      |      |
| 48  |      |     | 97  |      | 108 | 93  |      | 105 | 89  | 118  | 100 |     | 113  | 96  |      | 109  | 92  |     | 105  | 88  |     | 101  | 84   |     | 98   |      |      | 95   |      |      |      |      |
| 52  |      |     |     |      | 108 | 84  |      | 95  | 80  |      | 91  | 76  |      | 103 | 86   |      | 99  | 82  |      | 94  | 78  |      | 91   | 75  |      | 88   | 72   |      | 84   | 68   |      |      |
| 56  |      |     |     |      |     |     |      |     | 73  |      | 82  | 68  |      | 94  | 78   | 64   |     | 90  | 74   |     | 85  | 70   |      | 82  | 67   |      | 79   | 64   |      | 76   | 61   |      |
| 60  |      |     |     |      |     |     |      |     | 67  |      | 75  | 62  |      |     | 71   | 58   |     | 82  | 67   | 54  |     | 78   | 63   | 50  | 74   | 60   |      | 72   | 57   | 68   | 54   |      |
| 64  |      |     |     |      |     |     |      |     |     |      | 56  |     |      | 65  | 52   |      |     | 61  | 48   |     | 71  | 57   | 44,5 | 67  | 54   | 41   | 65   | 51   |      | 61   | 47,5 |      |
| 68  |      |     |     |      |     |     |      |     |     |      |     |     |      |     | 47,5 |      |     | 56  | 43,5 |     | 66  | 52   | 39,5 | 62  | 48,5 | 36,5 | 59   | 46   | 34   | 56   | 42,5 |      |
| 72  |      |     |     |      |     |     |      |     |     |      |     |     |      |     | 44   |      |     | 53  | 39   |     |     | 47   | 35,5 | 57  | 43,5 | 32   | 54   | 41   | 29,7 | 50   | 38   | 26,3 |
| 76  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     | 36  |      |     |     | 43,5 | 31,5 |     | 39,5 | 28,4 | 49,5 | 37   | 25,9 | 46   | 33,5 | 22,6 |
| 80  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |     |      | 28,7 |     | 36,5 | 25,2 | 46   | 33,5 | 22,6 | 42   | 30   | 19,3 |
| 84  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |     |      | 26,4 |     | 34,5 | 22,4 |      | 30,5 | 19,7 | 38,5 | 26,8 | 16,4 |
| 88  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |     |      |      |     |      | 20,2 |      | 27,9 | 17,2 |      | 24   | 13,8 |
| 92  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |     |      |      |     |      |      |      |      | 15,1 |      | 21,7 | 11,5 |
| 96  |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |     |      |      |     |      |      |      |      | 13,6 |      | 20,8 | 9,6  |
| 100 |      |     |     |      |     |     |      |     |     |      |     |     |      |     |      |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      | 8,1  |      |



| m   | S 48 |     |     |      |     |     |      |     |     |      |      |     |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|------|-----|------|-----|-----|------|-----|-----|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|--|--|--|
|     | W 30 |     |     | W 36 |     |     | W 42 |     |     | W 48 |      |     | W 54 |     |     | W 60 |     |     | W 66 |      |     | W 72 |      |      | W 78 |      |      | W 84 |      |      |      |      |  |  |  |
|     | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77°  | 67° | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77°  | 67° | 87°  | 77°  | 67°  | 87°  | 77°  | 67°  | 87°  | 77°  | 67°  |      |      |  |  |  |
| 16  | 416  |     |     |      |     |     |      |     |     |      |      |     |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 18  | 369  |     |     | 358  |     |     |      |     |     |      |      |     |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 20  | 331  |     |     | 321  |     |     | 312  |     |     |      |      |     |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 22  | 299  |     |     | 291  |     |     | 283  |     |     | 274  |      |     |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 24  | 273  |     |     | 265  |     |     | 258  |     |     | 251  |      |     | 243  |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 26  | 251  |     |     | 244  |     |     | 237  |     |     | 230  |      |     | 223  |     |     | 217  |     |     |      |      |     |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 28  | 232  |     |     | 225  |     |     | 219  |     |     | 212  |      |     | 206  |     |     | 200  |     |     | 194  |      |     |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 30  | 215  | 185 |     | 209  |     |     | 203  |     |     | 197  |      |     | 191  |     |     | 186  |     |     | 180  |      |     | 176  |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 32  | 201  | 171 |     | 194  | 166 |     | 189  |     |     | 183  |      |     | 178  |     |     | 173  |     |     | 167  |      |     | 164  |      |      | 158  |      |      | 155  |      |      |      |      |  |  |  |
| 34  |      | 160 |     | 182  | 155 |     | 177  | 150 |     | 171  |      |     | 166  |     |     | 161  |     |     | 156  |      |     | 153  |      |      | 147  |      |      | 145  |      |      |      |      |  |  |  |
| 36  |      | 150 |     | 171  | 145 |     | 166  | 141 |     | 160  |      |     | 155  |     |     | 151  |     |     | 146  |      |     | 143  |      |      | 138  |      |      | 135  |      |      |      |      |  |  |  |
| 38  |      | 141 |     | 161  | 136 |     | 156  | 132 |     | 151  | 127  |     | 146  |     |     | 141  |     |     | 136  |      |     | 134  |      |      | 129  |      |      | 127  |      |      |      |      |  |  |  |
| 40  |      | 133 |     |      | 128 |     | 147  | 124 |     | 142  | 119  |     | 137  | 114 |     | 133  |     |     | 128  |      |     | 126  |      |      | 121  |      |      | 119  |      |      |      |      |  |  |  |
| 44  |      |     | 99  |      | 114 |     | 110  | 106 |     | 127  | 106  |     | 122  | 101 |     | 118  | 97  |     | 114  |      |     | 112  |      |      | 107  |      |      | 105  |      |      |      |      |  |  |  |
| 48  |      |     | 89  |      | 103 | 84  |      | 99  | 81  | 115  | 94   |     | 110  | 90  |     | 106  | 86  |     | 102  | 82   |     | 100  | 80   |      | 95   |      |      | 94   |      |      |      |      |  |  |  |
| 52  |      |     |     |      | 76  |     |      | 90  | 72  |      | 85   | 68  |      | 100 | 81  |      | 96  | 77  |      | 91   | 73  |      | 90   | 71   |      | 85   | 67   |      | 84   |      |      |      |  |  |  |
| 56  |      |     |     |      | 69  |     |      |     | 65  |      | 77   | 61  |      | 91  | 73  | 57   | 87  | 69  |      | 83   | 65  |      | 81   | 63   |      | 77   | 59   |      | 75   | 57   |      |      |  |  |  |
| 60  |      |     |     |      |     |     |      |     | 59  |      | 71   | 55  |      |     | 66  | 51   | 79  | 62  | 47   |      | 75  | 58   |      | 73   | 57   |      | 69   | 52   |      | 67   | 51   |      |  |  |  |
| 64  |      |     |     |      |     |     |      |     |     |      | 49,5 |     |      |     | 60  | 45,5 |     |     | 56   | 42   |     | 69   | 52   | 38   | 66   | 51   |      | 62   | 46,5 |      | 61   | 45   |  |  |  |
| 68  |      |     |     |      |     |     |      |     |     |      | 45,5 |     |      |     |     | 41   |     |     | 51   | 37   |     | 63   | 47,5 | 33,5 | 61   | 45,5 | 32   | 57   | 41,5 |      | 55   | 40   |  |  |  |
| 72  |      |     |     |      |     |     |      |     |     |      |      |     |      |     |     | 37,5 |     |     | 43   | 29,5 |     | 43   | 29,5 |      | 56   | 41   | 27,8 | 52   | 37   | 23,9 | 50   | 35,5 |  |  |  |
| 76  |      |     |     |      |     |     |      |     |     |      |      |     |      |     |     |      |     |     | 29,9 |      |     | 39,5 | 26,1 |      | 37   | 24,2 | 47,5 | 33   | 20,5 | 45,5 | 31,5 | 18,8 |  |  |  |
| 80  |      |     |     |      |     |     |      |     |     |      |      |     |      |     |     |      |     |     | 27,3 |      |     |      |      |      | 33,5 | 21,1 | 44   | 29,6 | 17,4 | 41,5 | 27,9 | 15,7 |  |  |  |
| 84  |      |     |     |      |     |     |      |     |     |      |      |     |      |     |     |      |     |     |      |      |     |      |      |      | 31   | 18,4 |      | 26,6 | 14,6 | 38   | 24,7 | 12,9 |  |  |  |
| 88  |      |     |     |      |     |     |      |     |     |      |      |     |      |     |     |      |     |     |      |      |     |      |      |      |      |      | 24,2 | 12,2 |      | 21,9 | 10,4 |      |  |  |  |
| 92  |      |     |     |      |     |     |      |     |     |      |      |     |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 96  |      |     |     |      |     |     |      |     |     |      |      |     |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 100 |      |     |     |      |     |     |      |     |     |      |      |     |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 104 |      |     |     |      |     |     |      |     |     |      |      |     |      |     |     |      |     |     |      |      |     |      |      |      |      |      |      |      |      |      |      |      |  |  |  |

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| m   | S 54 |     |     |      |     |     |      |     |     |      |     |      |      |     |      |      |     |      |      |     |     |      |      |      |      |      |      |      |      |      |      |     |     |  |  |  |
|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|------|------|-----|------|------|-----|------|------|-----|-----|------|------|------|------|------|------|------|------|------|------|-----|-----|--|--|--|
|     | W 30 |     |     | W 36 |     |     | W 42 |     |     | W 48 |     |      | W 54 |     |      | W 60 |     |      | W 66 |     |     | W 72 |      |      | W 78 |      |      | W 84 |      |      |      |     |     |  |  |  |
|     | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77° | 67°  | 87°  | 77° | 67°  | 87°  | 77° | 67°  | 87°  | 77° | 67° | 87°  | 77°  | 67°  | 87°  | 77°  | 67°  | 87°  | 77°  | 67°  | 87°  | 77° | 67° |  |  |  |
| 18  | 358  |     |     |      |     |     |      |     |     |      |     |      |      |     |      |      |     |      |      |     |     |      |      |      |      |      |      |      |      |      |      |     |     |  |  |  |
| 20  | 322  |     |     | 311  |     |     | 302  |     |     |      |     |      |      |     |      |      |     |      |      |     |     |      |      |      |      |      |      |      |      |      |      |     |     |  |  |  |
| 22  | 292  |     |     | 282  |     |     | 275  |     |     | 265  |     |      |      |     |      |      |     |      |      |     |     |      |      |      |      |      |      |      |      |      |      |     |     |  |  |  |
| 24  | 266  |     |     | 258  |     |     | 251  |     |     | 242  |     |      | 234  |     |      |      |     |      |      |     |     |      |      |      |      |      |      |      |      |      |      |     |     |  |  |  |
| 26  | 245  |     |     | 237  |     |     | 231  |     |     | 223  |     |      | 215  |     |      | 210  |     |      |      |     |     |      |      |      |      |      |      |      |      |      |      |     |     |  |  |  |
| 28  | 227  |     |     | 219  |     |     | 213  |     |     | 206  |     |      | 199  |     |      | 194  |     |      | 190  |     |     |      |      |      |      |      |      |      |      |      |      |     |     |  |  |  |
| 30  | 211  |     |     | 203  |     |     | 198  |     |     | 191  |     |      | 185  |     |      | 180  |     |      | 176  |     |     | 171  |      |      |      |      |      |      |      |      |      |     |     |  |  |  |
| 32  | 197  | 164 |     | 190  |     |     | 185  |     |     | 178  |     |      | 172  |     |      | 167  |     |      | 164  |     |     | 159  |      |      | 155  |      |      |      |      |      |      |     |     |  |  |  |
| 34  | 186  | 153 |     | 178  | 147 |     | 173  |     |     | 166  |     |      | 160  |     |      | 156  |     |      | 153  |     |     | 148  |      |      | 145  |      |      |      | 140  |      |      |     |     |  |  |  |
| 36  |      | 143 |     | 167  | 137 |     | 162  | 133 |     | 155  |     |      | 150  |     |      | 146  |     |      | 143  |     |     | 138  |      |      | 135  |      |      | 131  |      |      |      |     |     |  |  |  |
| 38  |      | 134 |     | 158  | 129 |     | 153  | 125 |     | 146  |     |      | 141  |     |      | 137  |     |      | 134  |     |     | 130  |      |      | 127  |      |      | 122  |      |      |      |     |     |  |  |  |
| 40  |      | 127 |     |      | 121 |     | 144  | 117 |     | 138  | 111 |      | 133  |     |      | 129  |     |      | 126  |     |     | 122  |      |      | 119  |      |      | 115  |      |      |      |     |     |  |  |  |
| 44  |      | 114 | 91  |      | 108 |     |      | 104 |     | 123  | 98  |      | 118  | 94  |      | 114  | 90  |      | 112  |     |     | 108  |      |      | 105  |      |      | 102  |      |      |      |     |     |  |  |  |
| 48  |      |     | 81  |      | 97  | 76  |      | 93  |     | 111  | 88  |      | 106  | 83  |      | 102  | 80  |      | 100  | 78  |     | 96   |      |      | 94   |      |      | 90   |      |      |      |     |     |  |  |  |
| 52  |      |     | 73  |      |     | 68  |      | 84  | 65  |      | 79  |      | 96   | 75  |      | 92   | 71  |      | 90   | 69  |     | 87   | 65   |      | 84   |      |      | 81   |      |      |      |     |     |  |  |  |
| 56  |      |     |     |      |     | 61  |      | 78  | 58  |      | 71  | 53   | 88   | 67  |      | 84   | 63  |      | 81   | 61  |     | 78   | 58   |      | 76   | 56   |      | 72   | 52   |      |      |     |     |  |  |  |
| 60  |      |     |     |      |     |     |      |     | 53  |      | 65  | 47   |      | 61  | 43,5 |      | 77  | 57   |      | 74  | 55  |      | 71   | 51   |      | 68   | 49,5 |      | 65   | 46   |      |     |     |  |  |  |
| 64  |      |     |     |      |     |     |      |     | 48  |      |     | 42,5 |      | 55  | 38,5 |      | 51  | 35   |      | 67  | 49  |      | 64   | 46   |      | 62   | 44   |      | 59   | 40,5 |      |     |     |  |  |  |
| 68  |      |     |     |      |     |     |      |     |     |      |     |      |      | 51  | 34   |      |     | 46,5 | 30,5 |     | 62  | 44   | 28,6 | 58   | 41   |      | 56   | 39   |      | 53   | 35,5 |     |     |  |  |  |
| 72  |      |     |     |      |     |     |      |     |     |      |     |      |      |     | 30,5 |      |     | 42,5 | 26,9 |     | 40  | 24,8 | 54   | 36,5 | 21,6 | 51   | 34,5 | 19,5 | 48   | 31,5 |      |     |     |  |  |  |
| 76  |      |     |     |      |     |     |      |     |     |      |     |      |      |     |      | 27,9 |     |      |      |     |     | 36   | 21,5 |      | 33   | 18,3 | 47   | 30,5 | 16,2 | 43,5 | 27,5 | 13  |     |  |  |  |
| 80  |      |     |     |      |     |     |      |     |     |      |     |      |      |     |      |      |     |      |      |     |     |      |      |      |      | 43   | 27,2 | 13,3 | 39,5 | 24   | 10,1 |     |     |  |  |  |
| 84  |      |     |     |      |     |     |      |     |     |      |     |      |      |     |      |      |     |      |      |     |     |      |      |      |      |      |      |      |      |      |      |     |     |  |  |  |
| 88  |      |     |     |      |     |     |      |     |     |      |     |      |      |     |      |      |     |      |      |     |     |      |      |      |      |      |      |      |      |      |      |     |     |  |  |  |
| 92  |      |     |     |      |     |     |      |     |     |      |     |      |      |     |      |      |     |      |      |     |     |      |      |      |      |      |      |      |      |      |      |     |     |  |  |  |
| 96  |      |     |     |      |     |     |      |     |     |      |     |      |      |     |      |      |     |      |      |     |     |      |      |      |      |      |      |      |      |      |      |     |     |  |  |  |
| 100 |      |     |     |      |     |     |      |     |     |      |     |      |      |     |      |      |     |      |      |     |     |      |      |      |      |      |      |      |      |      |      |     |     |  |  |  |

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| m  | S 60 |     |     |      |     |     |      |     |      |      |     |      |      |      |      |      |     |      |      |      |      |      |      |      |      |     |     |
|----|------|-----|-----|------|-----|-----|------|-----|------|------|-----|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|-----|-----|
|    | W 30 |     |     | W 36 |     |     | W 42 |     |      | W 48 |     |      | W 54 |      |      | W 60 |     |      | W 66 |      |      | W 72 |      |      | W 78 |     |     |
|    | 87°  | 77° | 67° | 87°  | 77° | 67° | 87°  | 77° | 67°  | 87°  | 77° | 67°  | 87°  | 77°  | 67°  | 87°  | 77° | 67°  | 87°  | 77°  | 67°  | 87°  | 77°  | 67°  | 87°  | 77° | 67° |
| 18 | 344  |     |     |      |     |     |      |     |      |      |     |      |      |      |      |      |     |      |      |      |      |      |      |      |      |     |     |
| 20 | 309  |     |     | 299  |     |     |      |     |      |      |     |      |      |      |      |      |     |      |      |      |      |      |      |      |      |     |     |
| 22 | 281  |     |     | 272  |     |     | 265  |     |      |      |     |      |      |      |      |      |     |      |      |      |      |      |      |      |      |     |     |
| 24 | 257  |     |     | 249  |     |     | 242  |     |      | 234  |     |      |      |      |      |      |     |      |      |      |      |      |      |      |      |     |     |
| 26 | 237  |     |     | 229  |     |     | 223  |     |      | 215  |     |      | 210  |      |      | 202  |     |      |      |      |      |      |      |      |      |     |     |
| 28 | 219  |     |     | 212  |     |     | 206  |     |      | 199  |     |      | 194  |      |      | 187  |     |      | 183  |      |      |      |      |      |      |     |     |
| 30 | 204  |     |     | 197  |     |     | 192  |     |      | 184  |     |      | 180  |      |      | 173  |     |      | 170  |      |      | 165  |      |      |      |     |     |
| 32 | 190  | 153 |     | 183  |     |     | 179  |     |      | 172  |     |      | 168  |      |      | 161  |     |      | 158  |      |      | 153  |      |      | 150  |     |     |
| 34 | 179  | 143 |     | 172  |     |     | 167  |     |      | 160  |     |      | 157  |      |      | 151  |     |      | 148  |      |      | 143  |      |      | 140  |     |     |
| 36 |      | 134 |     | 161  | 128 |     | 157  |     |      | 150  |     |      | 147  |      |      | 141  |     |      | 138  |      |      | 134  |      |      | 131  |     |     |
| 38 |      | 125 |     | 152  | 120 |     | 148  | 117 |      | 141  |     |      | 138  |      |      | 132  |     |      | 130  |      |      | 125  |      |      | 122  |     |     |
| 40 |      | 118 |     |      | 113 |     | 139  | 109 |      | 133  | 103 |      | 130  |      |      | 124  |     |      | 122  |      |      | 118  |      |      | 115  |     |     |
| 44 |      | 106 |     |      | 100 |     | 126  | 97  |      | 119  | 91  |      | 116  | 89   |      | 111  |     |      | 108  |      |      | 104  |      |      | 102  |     |     |
| 48 |      |     | 72  |      | 90  |     |      | 87  |      | 107  | 81  |      | 104  | 79   |      | 99   | 73  |      | 97   | 71   |      | 93   |      |      | 91   |     |     |
| 52 |      |     | 64  |      | 83  | 59  |      | 78  |      |      | 73  |      | 94   | 70   |      | 89   | 65  |      | 87   | 63   |      | 83   | 59   |      | 81   |     |     |
| 56 |      |     | 58  |      |     | 53  |      | 71  | 50   |      |     | 65   |      | 86   | 63   |      | 81  | 58   |      | 78   | 56   |      | 75   | 52   |      | 73  | 50  |
| 60 |      |     |     |      |     | 48  |      |     | 45   |      | 59  | 39,5 | 57   | 37,5 | 74   | 52   |     | 71   | 49,5 |      | 68   | 46,5 |      | 66   | 44   |     |     |
| 64 |      |     |     |      |     |     |      |     | 40,5 |      | 55  | 35   | 51   | 32,5 | 46   | 27,7 | 65  | 44   |      | 62   | 41   |      | 59   | 39   |      |     |     |
| 68 |      |     |     |      |     |     |      |     | 37   |      |     | 31   | 47   | 28,7 | 41,5 | 23,8 | 60  | 39,5 | 21,9 | 56   | 36,5 |      | 54   | 34,5 |      |     |     |
| 72 |      |     |     |      |     |     |      |     |      |      |     | 28   |      | 25,3 | 37,5 | 20,4 |     | 35,5 | 18,4 | 51   | 32   | 15,2 | 49   | 30   |      |     |     |
| 76 |      |     |     |      |     |     |      |     |      |      |     |      |      | 22,4 | 35,5 | 17,4 |     |      | 14,8 | 41   | 28,5 | 12,2 | 44,5 | 26,5 | 10,2 |     |     |
| 80 |      |     |     |      |     |     |      |     |      |      |     |      |      | 20,5 |      |      |     |      | 28,9 | 32   | 15,3 | 25,4 | 9,5  | 41   | 23,2 | 7,5 |     |
| 84 |      |     |     |      |     |     |      |     |      |      |     |      |      |      |      |      |     |      |      | 10,3 |      | 22,7 | 7,1  | 20,3 | 5,1  |     |     |
| 88 |      |     |     |      |     |     |      |     |      |      |     |      |      |      |      |      |     |      |      | 8,4  |      | 21,2 | 5,1  | 17,8 | 3    |     |     |
| 92 |      |     |     |      |     |     |      |     |      |      |     |      |      |      |      |      |     |      |      |      | 7,2  |      | 3,3  | 15,9 |      |     |     |
| 96 |      |     |     |      |     |     |      |     |      |      |     |      |      |      |      |      |     |      |      |      |      |      | 2    |      |      |     |     |

TAB 190027 / 190040 / 190053



| m  | S 66 |     |      |      |     |      |      |     |     |      |     |     |      |
|----|------|-----|------|------|-----|------|------|-----|-----|------|-----|-----|------|
|    | W 30 |     |      | W 36 |     |      | W 42 |     |     | W 48 |     |     |      |
|    | 87°  | 77° | 67°  | 87°  | 77° | 67°  | 87°  | 77° | 67° | 87°  | 77° | 67° |      |
| 18 | 330  |     |      |      |     |      |      |     |     |      |     |     |      |
| 20 | 297  |     |      | 288  |     |      |      |     |     |      |     |     |      |
| 22 | 270  |     |      | 262  |     |      |      | 255 |     |      |     |     |      |
| 24 | 247  |     |      | 240  |     |      |      | 234 |     |      | 227 |     |      |
| 26 | 228  |     |      | 221  |     |      |      | 215 |     |      | 209 |     |      |
| 28 | 211  |     |      | 204  |     |      |      | 199 |     |      | 193 |     |      |
| 30 | 196  |     |      | 190  |     |      |      | 185 |     |      | 180 |     |      |
| 32 | 184  |     |      | 177  |     |      |      | 172 |     |      | 168 |     |      |
| 34 | 173  |     | 133  | 166  |     |      |      | 161 |     |      | 157 |     |      |
| 36 |      | 124 |      | 156  | 119 |      |      | 152 |     |      | 147 |     |      |
| 38 |      | 117 |      | 147  | 112 |      |      | 143 |     |      | 138 |     |      |
| 40 |      | 110 |      | 139  | 105 |      |      | 135 | 101 |      | 130 |     |      |
| 44 |      | 98  |      |      | 93  |      |      | 121 | 90  |      | 116 | 86  |      |
| 48 |      |     |      |      | 83  |      |      |     | 80  |      | 105 | 76  |      |
| 52 |      |     | 55   |      | 75  | 51   |      |     | 72  |      |     | 68  |      |
| 56 |      |     | 49,5 |      |     | 44,5 |      |     | 65  | 42   |     | 61  |      |
| 60 |      |     |      |      |     | 40   |      |     |     | 37   |     | 55  | 33,5 |
| 64 |      |     |      |      |     | 36   |      |     |     | 33   |     | 50  | 29,2 |
| 68 |      |     |      |      |     |      |      |     |     | 29,5 |     |     | 25,5 |
| 72 |      |     |      |      |     |      |      |     |     |      |     |     | 22,4 |
| 76 |      |     |      |      |     |      |      |     |     |      |     |     | 20,1 |

TAB 190027 / 190040 / 190053

**Hubhöhen**

**Lifting heights**

Hauteurs de levage • Altezze di sollevamento

Alturas de elevación • Высота подъема

**SW2**

