

Liftcrane Boom Capacities

M-1200

Boom No. 75A
Mast No. 75 or No. 75A
18,3 m RINGER Attachment on Screw Jack Pedestals
23 590 kg Crane Counterweight
476 090 kg Auxiliary Counterweight
RINGER on Barge - 360 Degree Rating
0 Degree thru 1 Degree Static Machine List

LIFTING CAPACITIES: Lifting capacities are for a RINGER when operating on a barge. Machine shall be positively secured to prevent shifting. Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

Upper boom point capacity for liftcrane service with 6 part line is 81 650 kg. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity. Upper boom point minimum operating radii will be restricted with boom at maximum angle.

Weight of all load blocks, hooks, slings, hoist lines, etc., beneath boom point sheaves, is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with roller path properly supported and machine list and trim not to exceed degrees noted with exception of 0 degree machine list which must not exceed 32 mm in 18,3 m. Refer to Boom Rigging **No. 173398** or **No. 177315** and Wire Rope Specification chart **No. 7683-C**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation.

WIND CONDITIONS: Machine may be operated in winds up to 13 m/s provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed. Wind will have a considerable effect on a load with a large "sail area" and must be compensated for accordingly by reducing load ratings, reducing operating speeds or by a combination of both. Recommend stopping operation and lowering boom to approximately 75 degree boom angle when wind exceeds 13 m/s. Lower boom to barge deck when wind is above 22 m/s.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation at barge deck to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

BOOM POINT ELEVATION: Boom point elevation is vertical distance from barge deck to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 18,3 m RINGER attachment, 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 45,7 m No. 75 mast with 20 part or 32 part boom hoist reeving or No. 75A mast with 32 part boom hoist reeving, strap boom pendants, 23 590 kg crane counterweight and 476 090 kg auxiliary counterweight.

| Maximum Boom Lengths Lifted Unassisted | | |
|--|--------------|-------------|
| List | Trim | Boom Length |
| 0 Degree | 0 Degree | 121,9 m |
| 1/2 Degree | 1/2 Degree | 76,2 m |
| 1/2 Degree | 1-1/2 Degree | 76,2 m |
| 1 Degree | 1 Degree | 68,6 m |
| Load blocks on barge deck at start. | | |

Deduct 2 450 kg from capacities when upper boom point is attached.

Jib and all jib hardware must be removed for use of this chart.

Warning: Check amount of auxiliary counterweight on machine before use of this chart.

| Oper. Radius Meters | Boom Angle Deg. | Boom Point Elev. Meters | 0 Degree List Boom Capacity Kilograms | 1/2 Degree List 1/2 Degree Trim Boom Capacity Kilograms | 1/2 Degree List 1-1/2 Degree Trim Boom Capacity Kilograms | 1 Degree List 1 Degree Trim Boom Capacity Kilograms | Oper. Radius Meters |
|---------------------|-----------------|-------------------------|---------------------------------------|---|---|---|---------------------|
| 45,7 m Boom | | | | | | | |
| 16,8 | 80,7 | 48,5 | 816 400 * | 707 300 * | | 587 400 * | 16,8 |
| 18,0 | 79,1 | 48,2 | 803 200 * | 658 600 * | | 546 400 * | 18,0 |
| 20,0 | 76,5 | 47,8 | 684 000 | 591 100 * | 591 100 * | 489 500 * | 20,0 |
| 22,0 | 73,9 | 47,2 | 579 800 | 536 500 * | 528 200 | 443 400 * | 22,0 |
| 24,0 | 71,3 | 46,5 | 500 800 | 486 800 | 461 900 | 404 600 * | 24,0 |
| 26,0 | 68,6 | 45,8 | 439 600 | 431 900 | 409 500 | 371 700 * | 26,0 |
| 28,0 | 65,9 | 44,9 | 392 000 | 386 200 | 367 900 | 343 900 * | 28,0 |
| 30,0 | 63,1 | 43,9 | 352 600 | 348 300 | 333 200 | 319 600 * | 30,0 |
| 32,0 | 60,2 | 42,8 | 319 600 | 316 400 | 303 800 | 298 100 * | 32,0 |
| 34,0 | 57,2 | 41,5 | 292 300 | 289 900 | 279 200 | 279 500 * | 34,0 |
| 36,0 | 54,1 | 40,1 | 268 700 | 267 000 | 257 900 | 261 700 | 36,0 |
| 38,0 | 50,9 | 38,5 | 248 200 | 247 000 | 239 200 | 243 000 | 38,0 |
| 40,0 | 47,6 | 36,7 | 230 400 | 229 700 | 222 900 | 226 300 | 40,0 |
| 42,0 | 44,0 | 34,7 | 214 800 | 214 300 | 208 500 | 211 400 | 42,0 |
| 44,0 | 40,2 | 32,4 | 200 800 | 200 600 | 195 500 | 198 100 | 44,0 |
| 46,0 | 36,0 | 29,7 | 188 300 | 188 300 | 184 000 | 186 200 | 46,0 |
| 48,0 | 31,4 | 26,6 | 177 100 | 177 100 | 173 600 | 175 500 | 48,0 |

REFERENCE ONLY

| Oper. Radius Meters | Boom Angle Deg. | Boom Point Elev. Meters | 0 Degree List Boom Capacity Kilograms | 1/2 Degree List 1/2 Degree Trim Boom Capacity Kilograms | 1/2 Degree List 1-1/2 Degree Trim Boom Capacity Kilograms | 1 Degree List 1 Degree Trim Boom Capacity Kilograms | Oper. Radius Meters |
|---------------------|-----------------|-------------------------|---------------------------------------|---|---|---|---------------------|
| 53,3 m Boom | | | | | | | |
| 16,8 | 82,0 | 56,2 | 720 200 * | | | | 16,8 |
| 18,0 | 80,7 | 56,0 | 720 200 * | | | | 18,0 |
| 20,0 | 78,5 | 55,6 | 682 100 | 590 400 * | 589 400 * | 488 300 * | 20,0 |
| 22,0 | 76,3 | 55,1 | 577 900 | 535 800 * | 520 200 | 442 300 * | 22,0 |
| 24,0 | 74,0 | 54,6 | 498 900 | 484 600 | 455 300 | 403 500 * | 24,0 |
| 26,0 | 71,8 | 53,9 | 437 700 | 429 500 | 403 900 | 370 600 * | 26,0 |
| 28,0 | 69,5 | 53,2 | 390 100 | 383 900 | 363 000 | 342 700 * | 28,0 |
| 30,0 | 67,2 | 52,3 | 350 700 | 346 100 | 328 700 | 318 400 * | 30,0 |
| 32,0 | 64,8 | 51,4 | 317 700 | 314 300 | 299 700 | 297 000 * | 32,0 |
| 34,0 | 62,4 | 50,4 | 290 400 | 287 900 | 275 400 | 278 300 * | 34,0 |
| 36,0 | 59,9 | 49,2 | 266 800 | 265 000 | 254 300 | 259 500 | 36,0 |
| 38,0 | 57,4 | 48,0 | 246 300 | 245 000 | 235 700 | 240 300 | 38,0 |
| 40,0 | 54,8 | 46,6 | 228 500 | 227 700 | 219 600 | 223 600 | 40,0 |
| 42,0 | 52,1 | 45,1 | 212 900 | 212 300 | 205 200 | 208 800 | 42,0 |
| 44,0 | 49,2 | 43,4 | 198 900 | 198 600 | 192 400 | 195 500 | 44,0 |
| 46,0 | 46,3 | 41,5 | 186 400 | 186 400 | 180 900 | 183 600 | 46,0 |
| 48,0 | 43,2 | 39,4 | 175 300 | 175 300 | 170 500 | 172 900 | 48,0 |
| 50,0 | 39,9 | 37,1 | 165 100 | 165 100 | 161 100 | 163 200 | 50,0 |
| 52,0 | 36,3 | 34,5 | 155 900 | 155 900 | 152 500 | 154 300 | 52,0 |
| 54,0 | 32,5 | 31,4 | 147 500 | 147 500 | 144 700 | 146 300 | 54,0 |
| 56,0 | 28,1 | 27,9 | 139 800 | 139 800 | 137 500 | 138 900 | 56,0 |

| Oper. Radius Meters | Boom Angle Deg. | Boom Point Elev. Meters | 0 Degree List Boom Capacity Kilograms | 1/2 Degree List 1/2 Degree Trim Boom Capacity Kilograms | 1/2 Degree List 1-1/2 Degree Trim Boom Capacity Kilograms | 1 Degree List 1 Degree Trim Boom Capacity Kilograms | Oper. Radius Meters |
|---------------------|-----------------|-------------------------|---------------------------------------|---|---|---|---------------------|
| 61,0 m Boom | | | | | | | |
| 18,3 | 81,6 | 63,7 | 655 300 * | | | | 18,3 |
| 20,0 | 79,9 | 63,4 | 645 300 * | 574 600 * | 572 500 * | | 20,0 |
| 22,0 | 78,0 | 63,0 | 575 700 | 534 700 * | 510 600 | | 22,0 |
| 24,0 | 76,1 | 62,5 | 496 800 | 481 200 | 447 400 | 401 800 * | 24,0 |
| 26,0 | 74,1 | 61,9 | 435 600 | 425 700 | 397 100 | 369 000 * | 26,0 |
| 28,0 | 72,2 | 61,3 | 387 900 | 380 500 | 357 100 | 341 200 * | 28,0 |
| 30,0 | 70,2 | 60,6 | 348 500 | 343 000 | 323 500 | 316 900 * | 30,0 |
| 32,0 | 68,1 | 59,8 | 315 500 | 311 400 | 294 900 | 295 500 * | 32,0 |
| 34,0 | 66,1 | 58,9 | 288 200 | 285 100 | 271 000 | 276 300 * | 34,0 |
| 36,0 | 64,0 | 57,9 | 264 700 | 262 400 | 250 200 | 256 200 | 36,0 |
| 38,0 | 61,9 | 56,9 | 244 200 | 242 500 | 231 900 | 237 100 | 38,0 |
| 40,0 | 59,7 | 55,7 | 226 400 | 225 300 | 216 000 | 220 600 | 40,0 |
| 42,0 | 57,5 | 54,5 | 210 700 | 210 000 | 201 800 | 205 900 | 42,0 |
| 44,0 | 55,2 | 53,1 | 196 700 | 196 300 | 189 100 | 192 700 | 44,0 |
| 46,0 | 52,9 | 51,6 | 184 300 | 184 200 | 177 700 | 180 900 | 46,0 |
| 48,0 | 50,4 | 50,0 | 173 100 | 173 100 | 167 500 | 170 300 | 48,0 |
| 50,0 | 47,9 | 48,2 | 163 000 | 163 000 | 158 100 | 160 700 | 50,0 |
| 52,0 | 45,3 | 46,3 | 153 800 | 153 800 | 149 600 | 151 900 | 52,0 |
| 54,0 | 42,6 | 44,1 | 145 400 | 145 400 | 141 800 | 143 900 | 54,0 |
| 56,0 | 39,7 | 41,8 | 137 700 | 137 700 | 134 600 | 136 500 | 56,0 |
| 58,0 | 36,6 | 39,2 | 130 600 | 130 600 | 128 000 | 129 700 | 58,0 |
| 60,0 | 33,2 | 36,2 | 124 100 | 124 100 | 121 900 | 123 400 | 60,0 |
| 62,0 | 29,5 | 32,8 | 118 000 | 118 000 | 116 300 | 117 600 | 62,0 |

REFERENCE ONLY

| Oper. Radius Meters | Boom Angle Deg. | Boom Point Elev. Meters | 0 Degree List Boom Capacity Kilograms | 1/2 Degree List 1/2 Degree Trim Boom Capacity Kilograms | 1/2 Degree List 1-1/2 Degree Trim Boom Capacity Kilograms | 1 Degree List 1 Degree Trim Boom Capacity Kilograms | Oper. Radius Meters |
|---------------------|-----------------|-------------------------|---------------------------------------|---|---|---|---------------------|
| 68,6 m Boom | | | | | | | |
| 19,8 | 81,2 | 71,1 | 579 600 * | | | | 19,8 |
| 20,0 | 81,1 | 71,1 | 578 900 * | | | | 20,0 |
| 22,0 | 79,4 | 70,7 | 557 000 * | 503 200 * | 491 200 * | | 22,0 |
| 24,0 | 77,7 | 70,3 | 495 100 | 475 500 | 440 500 | | 24,0 |
| 26,0 | 75,9 | 69,8 | 433 800 | 422 700 | 391 200 | 331 900 * | 26,0 |
| 28,0 | 74,2 | 69,3 | 386 200 | 377 800 | 351 900 | 330 300 * | 28,0 |
| 30,0 | 72,5 | 68,6 | 346 800 | 340 400 | 318 800 | 315 500 * | 30,0 |
| 32,0 | 70,7 | 67,9 | 313 700 | 308 900 | 290 700 | 294 100 * | 32,0 |
| 34,0 | 68,9 | 67,2 | 286 500 | 282 800 | 267 100 | 274 400 * | 34,0 |
| 36,0 | 67,1 | 66,3 | 262 900 | 260 100 | 246 500 | 253 200 | 36,0 |
| 38,0 | 65,3 | 65,4 | 242 300 | 240 200 | 228 400 | 234 200 | 38,0 |
| 40,0 | 63,4 | 64,4 | 224 600 | 223 000 | 212 600 | 217 800 | 40,0 |
| 42,0 | 61,5 | 63,4 | 209 000 | 207 800 | 198 600 | 203 100 | 42,0 |
| 44,0 | 59,6 | 62,2 | 195 000 | 194 200 | 186 000 | 190 000 | 44,0 |
| 46,0 | 57,6 | 61,0 | 182 500 | 182 000 | 174 700 | 178 300 | 46,0 |
| 48,0 | 55,6 | 59,6 | 171 400 | 171 100 | 164 500 | 167 700 | 48,0 |
| 50,0 | 53,5 | 58,1 | 161 200 | 161 100 | 155 200 | 158 100 | 50,0 |
| 52,0 | 51,4 | 56,6 | 152 000 | 152 000 | 146 700 | 149 300 | 52,0 |
| 54,0 | 49,2 | 54,9 | 143 600 | 143 600 | 139 000 | 141 400 | 54,0 |
| 56,0 | 46,9 | 53,0 | 135 900 | 135 900 | 131 800 | 134 000 | 56,0 |
| 58,0 | 44,5 | 51,0 | 128 800 | 128 800 | 125 200 | 127 200 | 58,0 |
| 60,0 | 42,1 | 48,9 | 122 400 | 122 400 | 119 100 | 120 900 | 60,0 |
| 62,0 | 39,5 | 46,5 | 116 300 | 116 300 | 113 500 | 115 100 | 62,0 |
| 64,0 | 36,7 | 43,9 | 110 700 | 110 700 | 108 200 | 109 700 | 64,0 |
| 66,0 | 33,8 | 41,0 | 105 500 | 105 500 | 103 300 | 104 600 | 66,0 |
| 68,0 | 30,6 | 37,7 | 100 600 | 100 600 | 98 700 | 99 900 | 68,0 |

REFERENCED

| Oper. Radius Meters | Boom Angle Deg. | Boom Point Elev. Meters | 0 Degree List Boom Capacity Kilograms | 1/2 Degree List 1/2 Degree Trim Boom Capacity Kilograms | 1/2 Degree List 1-1/2 Degree Trim Boom Capacity Kilograms | Oper. Radius Meters |
|---------------------|-----------------|-------------------------|---------------------------------------|---|---|---------------------|
| 76,2 m Boom | | | | | | |
| 21,3 | 81,0 | 78,6 | 513 500 * | | | 21,3 |
| 22,0 | 80,5 | 78,5 | 511 200 * | | | 22,0 |
| 24,0 | 78,9 | 78,1 | 486 500 | | | 24,0 |
| 26,0 | 77,4 | 77,7 | 431 700 | 419 600 | 385 200 | 26,0 |
| 28,0 | 75,8 | 77,2 | 384 000 | 374 800 | 346 600 | 28,0 |
| 30,0 | 74,3 | 76,6 | 344 600 | 337 700 | 314 000 | 30,0 |
| 32,0 | 72,7 | 76,0 | 311 500 | 306 300 | 286 300 | 32,0 |
| 34,0 | 71,1 | 75,3 | 284 300 | 280 300 | 263 100 | 34,0 |
| 36,0 | 69,5 | 74,6 | 260 700 | 257 700 | 242 700 | 36,0 |
| 38,0 | 67,9 | 73,8 | 240 200 | 237 900 | 224 800 | 38,0 |
| 40,0 | 66,2 | 72,9 | 222 400 | 220 700 | 209 200 | 40,0 |
| 42,0 | 64,6 | 72,0 | 206 800 | 205 500 | 195 300 | 42,0 |
| 44,0 | 62,9 | 71,0 | 192 800 | 191 900 | 182 800 | 44,0 |
| 46,0 | 61,2 | 69,9 | 180 300 | 179 800 | 171 600 | 46,0 |
| 48,0 | 59,4 | 68,7 | 169 200 | 168 900 | 161 500 | 48,0 |
| 50,0 | 57,7 | 67,4 | 159 000 | 158 900 | 152 300 | 50,0 |
| 52,0 | 55,9 | 66,1 | 149 800 | 149 800 | 143 900 | 52,0 |
| 54,0 | 54,0 | 64,7 | 141 400 | 141 400 | 136 200 | 54,0 |
| 56,0 | 52,1 | 63,1 | 133 800 | 133 800 | 129 100 | 56,0 |
| 58,0 | 50,2 | 61,5 | 126 700 | 126 700 | 122 500 | 58,0 |
| 60,0 | 48,2 | 59,7 | 120 200 | 120 200 | 116 400 | 60,0 |
| 62,0 | 46,1 | 57,8 | 114 100 | 114 100 | 110 800 | 62,0 |
| 64,0 | 43,9 | 55,8 | 108 500 | 108 500 | 105 500 | 64,0 |
| 66,0 | 41,7 | 53,6 | 103 300 | 103 300 | 100 700 | 66,0 |
| 68,0 | 39,3 | 51,2 | 98 400 | 98 400 | 96 100 | 68,0 |
| 70,0 | 36,9 | 48,6 | 93 900 | 93 900 | 91 800 | 70,0 |
| 72,0 | 34,3 | 45,7 | 89 600 | 89 600 | 87 700 | 72,0 |
| 74,0 | 31,4 | 42,5 | 85 600 | 85 600 | 83 900 | 74,0 |
| 76,0 | 28,4 | 39,0 | 81 800 | 81 800 | 80 400 | 76,0 |

| Oper. Radius Meters | Boom Angle Deg. | Boom Point Elev. Meters | 0 Degree List Boom Capacity Kilograms |
|------------------------|--------------------|----------------------------|---|
| 83,8 m Boom | | | |
| 21,3 | 81,8 | 86,3 | 461 000 * |
| 22,0 | 81,3 | 86,2 | 459 200 * |
| 24,0 | 79,9 | 85,9 | 453 700 * |
| 26,0 | 78,5 | 85,5 | 430 000 |
| 28,0 | 77,1 | 85,0 | 382 300 |
| 30,0 | 75,7 | 84,5 | 342 900 |
| 32,0 | 74,3 | 84,0 | 309 900 |
| 34,0 | 72,9 | 83,4 | 282 600 |
| 36,0 | 71,4 | 82,7 | 259 000 |
| 38,0 | 70,0 | 82,0 | 238 500 |
| 40,0 | 68,5 | 81,2 | 220 800 |
| 42,0 | 67,0 | 80,4 | 205 100 |
| 44,0 | 65,5 | 79,5 | 191 100 |
| 46,0 | 64,0 | 78,5 | 178 600 |
| 48,0 | 62,5 | 77,5 | 167 500 |
| 50,0 | 60,9 | 76,4 | 157 300 |
| 52,0 | 59,3 | 75,2 | 148 100 |
| 54,0 | 57,7 | 73,9 | 139 800 |
| 56,0 | 56,1 | 72,6 | 132 100 |
| 58,0 | 54,4 | 71,2 | 125 000 |
| 60,0 | 52,7 | 69,7 | 118 500 |
| 62,0 | 50,9 | 68,1 | 112 500 |
| 64,0 | 49,1 | 66,4 | 106 800 |
| 66,0 | 47,3 | 64,5 | 101 700 |
| 68,0 | 45,4 | 62,6 | 96 800 |
| 70,0 | 43,4 | 60,5 | 92 200 |
| 72,0 | 41,4 | 58,3 | 88 000 |
| 74,0 | 39,2 | 55,9 | 83 900 |
| 76,0 | 37,0 | 53,3 | 80 200 |
| 78,0 | 34,6 | 50,4 | 76 600 |
| 80,0 | 32,1 | 47,3 | 73 300 |
| 82,0 | 29,4 | 43,9 | 70 100 |

| Oper. Radius Meters | Boom Angle Deg. | Boom Point Elev. Meters | 0 Degree List Boom Capacity Kilograms |
|---------------------|-----------------|-------------------------|---------------------------------------|
| 91,4 m Boom | | | |
| 22,9 | 81,5 | 93,8 | 407 900 * |
| 24,0 | 80,8 | 93,6 | 405 000 * |
| 26,0 | 79,5 | 93,3 | 395 700 * |
| 28,0 | 78,2 | 92,8 | 377 700 * |
| 30,0 | 76,9 | 92,4 | 340 700 |
| 32,0 | 75,7 | 91,9 | 307 600 |
| 34,0 | 74,4 | 91,3 | 280 400 |
| 36,0 | 73,0 | 90,7 | 256 800 |
| 38,0 | 71,7 | 90,1 | 236 200 |
| 40,0 | 70,4 | 89,4 | 218 500 |
| 42,0 | 69,1 | 88,6 | 202 800 |
| 44,0 | 67,7 | 87,8 | 188 800 |
| 46,0 | 66,3 | 86,9 | 176 400 |
| 48,0 | 65,0 | 86,0 | 165 200 |
| 50,0 | 63,6 | 85,0 | 155 100 |
| 52,0 | 62,1 | 84,0 | 145 900 |
| 54,0 | 60,7 | 82,8 | 137 500 |
| 56,0 | 59,3 | 81,7 | 129 800 |
| 58,0 | 57,8 | 80,4 | 122 700 |
| 60,0 | 56,3 | 79,1 | 116 200 |
| 62,0 | 54,7 | 77,7 | 110 200 |
| 64,0 | 53,2 | 76,2 | 104 600 |
| 66,0 | 51,6 | 74,6 | 99 400 |
| 68,0 | 50,0 | 73,0 | 94 500 |
| 70,0 | 48,3 | 71,2 | 90 000 |
| 72,0 | 46,6 | 69,3 | 85 700 |
| 74,0 | 44,8 | 67,4 | 81 700 |
| 76,0 | 43,0 | 65,2 | 77 900 |
| 78,0 | 41,1 | 63,0 | 74 400 |
| 80,0 | 39,1 | 60,6 | 71 000 |
| 82,0 | 37,1 | 58,0 | 67 800 |
| 84,0 | 34,9 | 55,2 | 64 800 |
| 86,0 | 32,6 | 52,1 | 62 000 |
| 88,0 | 30,2 | 48,8 | 59 300 |

| Oper. Radius Meters | Boom Angle Deg. | Boom Point Elev. Meters | 0 Degree List Boom Capacity Kilograms |
|---------------------|-----------------|-------------------------|---------------------------------------|
| 99,1 m Boom | | | |
| 24,4 | 81,3 | 101,3 | 355 800 * |
| 26,0 | 80,3 | 101,0 | 349 000 * |
| 28,0 | 79,2 | 100,6 | 340 400 * |
| 30,0 | 78,0 | 100,2 | 331 600 * |
| 32,0 | 76,8 | 99,7 | 305 800 |
| 34,0 | 75,6 | 99,2 | 278 500 |
| 36,0 | 74,4 | 98,7 | 255 000 |
| 38,0 | 73,2 | 98,1 | 234 500 |
| 40,0 | 72,0 | 97,4 | 216 700 |
| 42,0 | 70,7 | 96,7 | 201 000 |
| 44,0 | 69,5 | 96,0 | 187 000 |
| 46,0 | 68,3 | 95,2 | 174 600 |
| 48,0 | 67,0 | 94,4 | 163 400 |
| 50,0 | 65,7 | 93,5 | 153 300 |
| 52,0 | 64,5 | 92,5 | 144 100 |
| 54,0 | 63,2 | 91,5 | 135 700 |
| 56,0 | 61,9 | 90,5 | 128 000 |
| 58,0 | 60,5 | 89,3 | 120 900 |
| 60,0 | 59,2 | 88,2 | 114 400 |
| 62,0 | 57,8 | 86,9 | 108 400 |
| 64,0 | 56,4 | 85,6 | 102 800 |
| 66,0 | 55,0 | 84,2 | 97 600 |
| 68,0 | 53,6 | 82,7 | 92 700 |
| 70,0 | 52,1 | 81,2 | 88 100 |
| 72,0 | 50,6 | 79,6 | 83 900 |
| 74,0 | 49,1 | 77,9 | 79 900 |
| 76,0 | 47,6 | 76,1 | 76 100 |
| 78,0 | 46,0 | 74,1 | 72 600 |
| 80,0 | 44,3 | 72,1 | 69 200 |
| 82,0 | 42,6 | 70,0 | 66 100 |
| 84,0 | 40,9 | 67,7 | 63 100 |
| 86,0 | 39,0 | 65,3 | 60 200 |
| 88,0 | 37,2 | 62,7 | 57 500 |
| 90,0 | 35,2 | 59,9 | 54 900 |
| 92,0 | 33,1 | 56,9 | 52 400 |
| 94,0 | 30,9 | 53,6 | 50 100 |
| 96,0 | 28,5 | 50,0 | 47 900 |

| Oper. Radius Meters | Boom Angle Deg. | Boom Point Elev. Meters | 0 Degree List Boom Capacity Kilograms |
|---------------------|-----------------|-------------------------|---------------------------------------|
| 106,7 m Boom | | | |
| 24,4 | 81,9 | 109,0 | 315 400 * |
| 26,0 | 81,0 | 108,7 | 309 600 * |
| 28,0 | 79,9 | 108,4 | 302 200 * |
| 30,0 | 78,8 | 108,0 | 294 600 * |
| 32,0 | 77,7 | 107,6 | 287 000 * |
| 34,0 | 76,6 | 107,1 | 275 500 * |
| 36,0 | 75,5 | 106,6 | 252 700 |
| 38,0 | 74,4 | 106,0 | 232 200 |
| 40,0 | 73,3 | 105,4 | 214 400 |
| 42,0 | 72,2 | 104,8 | 198 800 |
| 44,0 | 71,0 | 104,1 | 184 800 |
| 46,0 | 69,9 | 103,4 | 172 300 |
| 48,0 | 68,7 | 102,6 | 161 100 |
| 50,0 | 67,6 | 101,8 | 151 000 |
| 52,0 | 66,4 | 100,9 | 141 800 |
| 54,0 | 65,2 | 100,0 | 133 400 |
| 56,0 | 64,0 | 99,0 | 125 700 |
| 58,0 | 62,8 | 98,0 | 118 600 |
| 60,0 | 61,6 | 97,0 | 112 100 |
| 62,0 | 60,4 | 95,8 | 106 100 |
| 64,0 | 59,1 | 94,6 | 100 500 |
| 66,0 | 57,9 | 93,4 | 95 300 |
| 68,0 | 56,6 | 92,1 | 90 400 |
| 70,0 | 55,3 | 90,7 | 85 900 |
| 72,0 | 53,9 | 89,3 | 81 600 |
| 74,0 | 52,6 | 87,7 | 77 600 |
| 76,0 | 51,2 | 86,2 | 73 800 |
| 78,0 | 49,8 | 84,5 | 70 300 |
| 80,0 | 48,4 | 82,7 | 66 900 |
| 82,0 | 46,9 | 80,9 | 63 700 |
| 84,0 | 45,4 | 78,9 | 60 700 |
| 86,0 | 43,9 | 76,9 | 57 900 |
| 88,0 | 42,3 | 74,7 | 55 200 |
| 90,0 | 40,7 | 72,4 | 52 600 |
| 92,0 | 39,0 | 70,0 | 50 200 |
| 94,0 | 37,2 | 67,4 | 47 800 |
| 96,0 | 35,4 | 64,6 | 45 600 |

| Oper. Radius Meters | Boom Angle Deg. | Boom Point Elev. Meters | 0 Degree List Boom Capacity Kilograms |
|---------------------|-----------------|-------------------------|---------------------------------------|
| 114,3 m Boom | | | |
| 25,9 | 81,7 | 116,5 | 273 700 * |
| 26,0 | 81,6 | 116,5 | 273 500 * |
| 28,0 | 80,6 | 116,1 | 267 100 * |
| 30,0 | 79,6 | 115,8 | 260 700 * |
| 32,0 | 78,6 | 115,4 | 254 000 * |
| 34,0 | 77,5 | 114,9 | 246 800 * |
| 36,0 | 76,5 | 114,5 | 239 400 * |
| 38,0 | 75,5 | 113,9 | 229 800 |
| 40,0 | 74,4 | 113,4 | 212 600 |
| 42,0 | 73,4 | 112,8 | 196 900 |
| 44,0 | 72,3 | 112,2 | 182 900 |
| 46,0 | 71,3 | 111,5 | 170 400 |
| 48,0 | 70,2 | 110,8 | 159 300 |
| 50,0 | 69,1 | 110,0 | 149 100 |
| 52,0 | 68,1 | 109,2 | 139 900 |
| 54,0 | 67,0 | 108,4 | 131 500 |
| 56,0 | 65,9 | 107,5 | 123 800 |
| 58,0 | 64,8 | 106,5 | 116 700 |
| 60,0 | 63,7 | 105,6 | 110 200 |
| 62,0 | 62,5 | 104,5 | 104 200 |
| 64,0 | 61,4 | 103,4 | 98 600 |
| 66,0 | 60,2 | 102,3 | 93 400 |
| 68,0 | 59,1 | 101,1 | 88 500 |
| 70,0 | 57,9 | 99,9 | 84 000 |
| 72,0 | 56,7 | 98,6 | 79 700 |
| 74,0 | 55,5 | 97,2 | 75 700 |
| 76,0 | 54,2 | 95,8 | 71 900 |
| 78,0 | 53,0 | 94,3 | 68 400 |
| 80,0 | 51,7 | 92,7 | 65 000 |
| 82,0 | 50,4 | 91,1 | 61 900 |
| 84,0 | 49,1 | 89,4 | 58 800 |
| 86,0 | 47,8 | 87,6 | 56 000 |
| 88,0 | 46,4 | 85,7 | 53 300 |
| 90,0 | 45,0 | 83,7 | 50 700 |
| 92,0 | 43,5 | 81,6 | 48 300 |
| 94,0 | 42,0 | 79,4 | 46 000 |

| Oper. Radius Meters | Boom Angle Deg. | Boom Point Elev. Meters | 0 Degree List Boom Capacity Kilograms |
|---------------------|-----------------|-------------------------|---------------------------------------|
| 121,9 m Boom | | | |
| 27,4 | 81,5 | 123,9 | 234 100 * |
| 28,0 | 81,2 | 123,9 | 233 400 * |
| 30,0 | 80,3 | 123,5 | 229 000 * |
| 32,0 | 79,3 | 123,1 | 222 600 * |
| 34,0 | 78,3 | 122,7 | 215 700 * |
| 36,0 | 77,4 | 122,3 | 208 600 * |
| 38,0 | 76,4 | 121,8 | 201 600 * |
| 40,0 | 75,4 | 121,3 | 194 600 * |
| 42,0 | 74,5 | 120,7 | 187 700 * |
| 44,0 | 73,5 | 120,1 | 180 000 |
| 46,0 | 72,5 | 119,5 | 168 100 |
| 48,0 | 71,5 | 118,9 | 156 900 |
| 50,0 | 70,5 | 118,2 | 146 800 |
| 52,0 | 69,5 | 117,4 | 137 600 |
| 54,0 | 68,5 | 116,6 | 129 200 |
| 56,0 | 67,5 | 115,8 | 121 500 |
| 58,0 | 66,5 | 114,9 | 114 400 |
| 60,0 | 65,4 | 114,0 | 107 900 |
| 62,0 | 64,4 | 113,1 | 101 900 |
| 64,0 | 63,3 | 112,1 | 96 300 |
| 66,0 | 62,3 | 111,0 | 91 100 |
| 68,0 | 61,2 | 109,9 | 86 200 |
| 70,0 | 60,1 | 108,8 | 81 700 |
| 72,0 | 59,0 | 107,6 | 77 400 |
| 74,0 | 57,9 | 106,4 | 73 400 |
| 76,0 | 56,8 | 105,1 | 69 600 |
| 78,0 | 55,7 | 103,7 | 66 100 |
| 80,0 | 54,5 | 102,3 | 62 700 |
| 82,0 | 53,3 | 100,8 | 59 600 |
| 84,0 | 52,2 | 99,3 | 56 600 |
| 86,0 | 50,9 | 97,7 | 53 700 |
| 88,0 | 49,7 | 96,0 | 51 000 |
| 90,0 | 48,5 | 94,2 | 48 400 |