



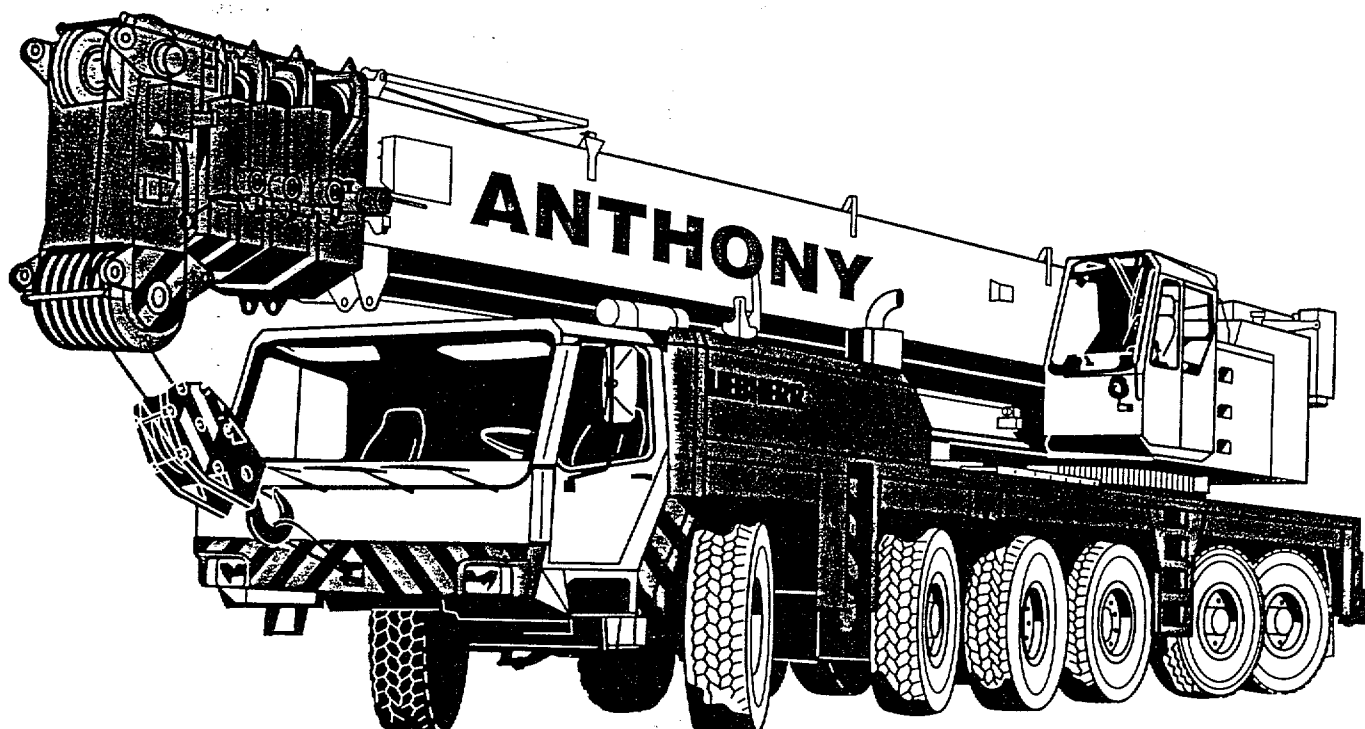
**LIEBHERR**

**LTM 1225-A**



**ANTHONY CRANE RENTAL**

**300 TON**





LTM 1225

## Lifting capacities at telescopic boom.



50 ft - 197 ft



360°



176 400 lbs

85%

| ft  | 50 ft | 67 ft | 84 ft | 100 ft | 117 ft | 134 ft | 151 ft | 168 ft | 185 ft | 197 ft | ft  |
|-----|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-----|
| 1)  | 2)    |       |       |        |        |        |        |        |        |        |     |
| 9   | 600   |       |       |        |        |        |        |        |        |        | 9   |
| 10  | 482   | 400   | 392   |        |        |        |        |        |        |        | 10  |
| 11  | 463   | 377   | 373   |        |        |        |        |        |        |        | 11  |
| 12  | 441   | 355   | 354   | 317    |        |        |        |        |        |        | 12  |
| 13  | 417   | 335   | 334   | 300    |        |        |        |        |        |        | 13  |
| 14  | 393   | 319   | 319   | 287    | 245    | 97     |        |        |        |        | 14  |
| 15  | 369   | 305   | 305   | 275    | 245    | 97     |        |        |        |        | 15  |
| 16  | 348   | 295   | 294   | 267    | 241    | 97     |        |        |        |        | 16  |
| 17  | 329   | 286   | 283   | 260    | 236    | 97     | 181    | 162    |        |        | 17  |
| 18  | 311   | 278   | 272   | 252    | 230    | 97     | 181    | 159    |        |        | 18  |
| 20  | 279   | 261   | 250   | 238    | 217    | 96.5   | 181    | 153    | 143    | 90     | 20  |
| 22  | 254   | 247   | 233   | 226    | 205    | 92     | 174    | 147    | 142    | 86.5   | 22  |
| 24  | 232   | 231   | 217   | 213    | 194    | 87.5   | 167    | 141    | 140    | 82.5   | 24  |
| 26  | 212   | 212   | 202   | 200    | 184    | 83     | 159    | 135    | 135    | 79     | 26  |
| 28  | 197   | 197   | 190   | 188    | 175    | 78.5   | 151    | 129    | 131    | 76     | 28  |
| 30  | 183   | 183   | 179   | 176    | 166    | 75     | 144    | 124    | 126    | 72.5   | 30  |
| 32  | 170   | 170   | 169   | 166    | 159    | 71.5   | 137    | 118    | 121    | 69.5   | 32  |
| 34  | 160   | 156   | 155   | 156    | 151    | 68.5   | 131    | 114    | 116    | 67     | 34  |
| 36  | 151   | 141   | 140   | 147    | 143    | 65.5   | 124    | 109    | 112    | 64     | 36  |
| 38  | 142   |       | 125   | 139    | 136    | 63     | 118    | 105    | 107    | 61.5   | 38  |
| 40  |       |       |       | 130    | 129    | 60     | 113    | 100    | 102    | 58.9   | 40  |
| 45  |       |       |       | 114    | 112    | 54.8   | 102    | 91     | 92     | 53.2   | 45  |
| 50  |       |       |       | 98.5   | 99.5   | 50.3   | 92     | 83     | 83     | 48.4   | 50  |
| 55  |       |       |       |        | 88     | 46.5   | 83.5   | 76     | 75     | 44     | 55  |
| 60  |       |       |       |        | 78.5   | 43.3   | 76     | 70.5   | 68     | 40.2   | 60  |
| 65  |       |       |       |        | 70     | 40.6   | 70     | 65.5   | 62     | 37     | 65  |
| 70  |       |       |       |        |        | 38.3   | 64     | 61.5   | 57.2   | 34.2   | 70  |
| 75  |       |       |       |        |        |        | 58.3   | 58.1   | 52.8   | 31.7   | 75  |
| 80  |       |       |       |        |        |        | 52.1   | 54.4   | 49     | 29.6   | 80  |
| 85  |       |       |       |        |        |        | 44.2   | 48.8   | 45.8   | 27.7   | 85  |
| 90  |       |       |       |        |        |        |        | 43.1   | 26.1   | 26.1   | 90  |
| 95  |       |       |       |        |        |        |        |        | 40.2   | 24.7   | 95  |
| 100 |       |       |       |        |        |        |        |        |        | 23.5   | 100 |
| 105 |       |       |       |        |        |        |        |        |        | 35.2   | 105 |
| 110 |       |       |       |        |        |        |        |        |        | 33.1   | 110 |
| 115 |       |       |       |        |        |        |        |        |        | 31.3   | 115 |
| 120 |       |       |       |        |        |        |        |        |        | 27.7   | 120 |
| 125 |       |       |       |        |        |        |        |        |        | 25.8   | 125 |
| 130 |       |       |       |        |        |        |        |        |        | 24.4   | 130 |
| 135 |       |       |       |        |        |        |        |        |        | 23.2   | 135 |
| 140 |       |       |       |        |        |        |        |        |        | 19.7   | 140 |
| 145 |       |       |       |        |        |        |        |        |        | 20.1   | 145 |
| 150 |       |       |       |        |        |        |        |        |        | 18.9   | 150 |
| 155 |       |       |       |        |        |        |        |        |        | 16.5   | 155 |
| 160 |       |       |       |        |        |        |        |        |        | 17.1   | 160 |
| 165 |       |       |       |        |        |        |        |        |        | 16.3   | 165 |
| 170 |       |       |       |        |        |        |        |        |        | 15.7   | 170 |
| 175 |       |       |       |        |        |        |        |        |        | 11.1   | 175 |
|     |       |       |       |        |        |        |        |        |        | 10.7   |     |
| I   | 0     | 46    | 92    | 0      | 92     | 0      | 92     | 0      | 92     | 92     | I   |
| II  | 0     | 0     | 0     | 0      | 46     | 92     | 92     | 0      | 92     | 92     | II  |
| III | 0     | 0     | 0     | 0      | 0      | 46     | 0      | 92     | 46     | 92     | III |
| IV  | 0     | 0     | 0     | 92     | 0      | 0      | 0      | 92     | 0      | 0      | IV  |

1) with additional equipment, over rear, support base 33'9 1/4" x 18'8 1/4"

2) with additional pulley block, over rear, support base 33'9 1/4" x 28'2 1/4"

TAB 98073 / 98076

Lifting capacities are given in kips (1,000 lbs).



LTM 1225



50 ft - 197 ft



360°



143 300 lbs

85%

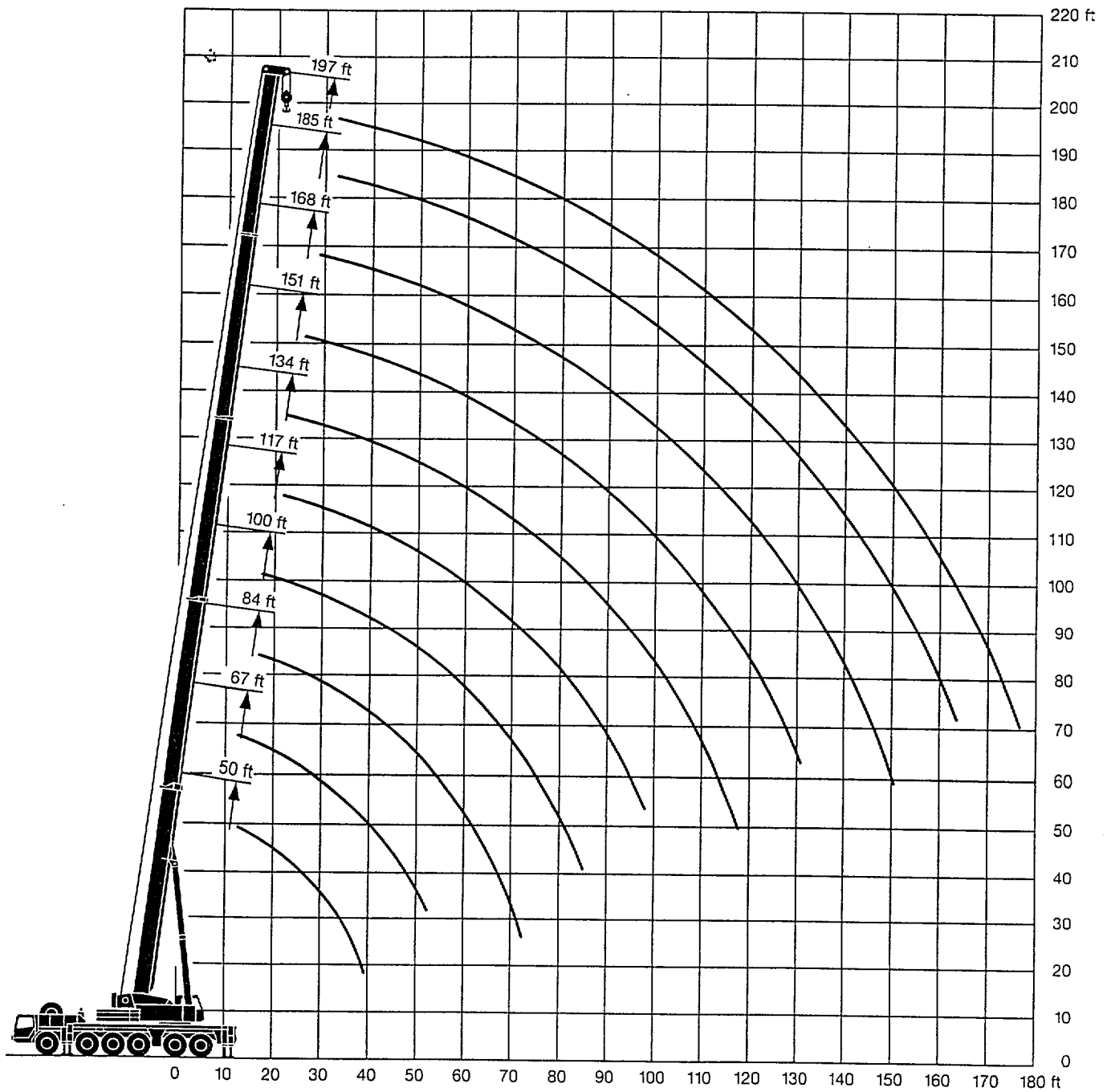
|  | 50 ft |     |     | 67 ft | 84 ft |      | 100 ft |      | 117 ft |      | 134 ft | 151 ft |      | 168 ft | 185 ft | 197 ft |  |
|-----------------------------------------------------------------------------------|-------|-----|-----|-------|-------|------|--------|------|--------|------|--------|--------|------|--------|--------|--------|-------------------------------------------------------------------------------------|
| ft                                                                                | 1)    | 2)  |     |       |       |      |        |      |        |      |        |        |      |        |        |        | ft                                                                                  |
| 10                                                                                | 481   | 400 | 390 |       |       |      |        |      |        |      |        |        |      |        |        |        | 10                                                                                  |
| 11                                                                                | 457   | 377 | 371 |       |       |      |        |      |        |      |        |        |      |        |        |        | 11                                                                                  |
| 12                                                                                | 431   | 355 | 352 | 317   |       |      |        |      |        |      |        |        |      |        |        |        | 12                                                                                  |
| 13                                                                                | 403   | 335 | 334 | 300   |       |      |        |      |        |      |        |        |      |        |        |        | 13                                                                                  |
| 14                                                                                | 378   | 319 | 319 | 287   | 245   | 97   |        |      |        |      |        |        |      |        |        |        | 14                                                                                  |
| 15                                                                                | 354   | 305 | 304 | 275   | 245   | 97   |        |      |        |      |        |        |      |        |        |        | 15                                                                                  |
| 16                                                                                | 332   | 295 | 291 | 267   | 241   | 97   |        |      |        |      |        |        |      |        |        |        | 16                                                                                  |
| 17                                                                                | 314   | 286 | 279 | 260   | 236   | 97   | 181    | 162  |        |      |        |        |      |        |        |        | 17                                                                                  |
| 18                                                                                | 297   | 278 | 268 | 252   | 230   | 97   | 181    | 159  |        |      |        |        |      |        |        |        | 18                                                                                  |
| 20                                                                                | 266   | 260 | 247 | 238   | 217   | 96.5 | 181    | 153  | 143    | 90   |        |        |      |        |        |        | 20                                                                                  |
| 22                                                                                | 242   | 240 | 229 | 225   | 205   | 92   | 174    | 147  | 142    | 86.5 |        |        |      |        |        |        | 22                                                                                  |
| 24                                                                                | 221   | 221 | 214 | 211   | 194   | 87.5 | 167    | 141  | 140    | 82.5 | 110    |        |      |        |        |        | 24                                                                                  |
| 26                                                                                | 202   | 202 | 200 | 197   | 184   | 83   | 159    | 135  | 135    | 79   | 110    |        |      |        |        |        | 26                                                                                  |
| 28                                                                                | 187   | 187 | 186 | 183   | 175   | 78.5 | 151    | 129  | 131    | 76   | 108    | 86     | 68   |        |        |        | 28                                                                                  |
| 30                                                                                | 174   | 174 | 173 | 170   | 166   | 75   | 144    | 124  | 126    | 72.5 | 105    | 86     | 67   | 67     |        |        | 30                                                                                  |
| 32                                                                                | 162   |     | 162 | 159   | 157   | 71.5 | 137    | 118  | 121    | 69.5 | 102    | 84.5   | 65.5 | 67     |        |        | 32                                                                                  |
| 34                                                                                | 152   |     | 150 | 150   | 148   | 68.5 | 131    | 114  | 116    | 67   | 99     | 82.5   | 64   | 66.5   | 52     | 43.5   | 34                                                                                  |
| 36                                                                                | 143   |     | 137 | 141   | 139   | 65.5 | 124    | 109  | 112    | 64   | 96     | 80.5   | 62.5 | 66     | 52     | 43.5   | 36                                                                                  |
| 38                                                                                | 135   |     | 124 | 132   | 131   | 63   | 118    | 105  | 107    | 61.5 | 93.5   | 78     | 61   | 65     | 52.1   | 43.4   | 38                                                                                  |
| 40                                                                                |       |     |     | 124   | 123   | 60   | 113    | 100  | 102    | 58.9 | 90.5   | 76     | 59.6 | 64     | 52     | 43.3   | 40                                                                                  |
| 45                                                                                |       |     |     | 108   | 107   | 54.8 | 102    | 91   | 92     | 53.2 | 82.5   | 71     | 55.8 | 60.5   | 50.3   | 42.9   | 45                                                                                  |
| 50                                                                                |       |     |     | 94.5  | 93    | 50.3 | 92     | 83   | 83     | 48.4 | 75.5   | 66     | 52   | 57.2   | 48.4   | 42.1   | 50                                                                                  |
| 55                                                                                |       |     |     |       | 82    | 48.5 | 82.5   | 76   | 75     | 44   | 68.5   | 61.5   | 48.3 | 53.9   | 46.5   | 41     | 55                                                                                  |
| 60                                                                                |       |     |     |       | 72.5  | 43.3 | 74     | 70.5 | 68     | 40.2 | 63     | 57.1   | 44.8 | 50.7   | 44.4   | 39.9   | 60                                                                                  |
| 65                                                                                |       |     |     |       | 64.5  | 40.6 | 66     | 65.5 | 62     | 37   | 58.4   | 53.2   | 41.6 | 47.7   | 42.1   | 38.3   | 65                                                                                  |
| 70                                                                                |       |     |     |       |       | 38.3 | 59.1   | 61.5 | 57.2   | 34.2 | 53.9   | 49.3   | 38.8 | 44.8   | 39.9   | 36.6   | 70                                                                                  |
| 75                                                                                |       |     |     |       |       |      | 53.2   | 57.3 | 52.6   | 31.7 | 49.8   | 45.9   | 36.1 | 42.2   | 37.7   | 34.9   | 75                                                                                  |
| 80                                                                                |       |     |     |       |       |      | 47.7   | 52.7 | 48.3   | 29.6 | 46.2   | 42.9   | 33.7 | 39.6   | 35.7   | 33.1   | 80                                                                                  |
| 85                                                                                |       |     |     |       |       |      | 42.6   | 47.7 | 43.8   | 27.7 | 42.9   | 40.2   | 31.5 | 37.2   | 33.7   | 31.4   | 85                                                                                  |
| 90                                                                                |       |     |     |       |       |      |        |      | 39.4   | 26.1 | 40.1   | 37.5   | 29.6 | 35.1   | 31.9   | 29.8   | 90                                                                                  |
| 95                                                                                |       |     |     |       |       |      |        |      | 35.5   | 24.7 | 37.1   | 35.1   | 27.8 | 33     | 30.1   | 28.1   | 95                                                                                  |
| 100                                                                               |       |     |     |       |       |      |        |      |        | 23.5 | 33.9   | 32.8   | 26.2 | 31.1   | 28.5   | 26.3   | 100                                                                                 |
| 105                                                                               |       |     |     |       |       |      |        |      |        |      | 30.8   | 30.8   | 24.8 | 29.4   | 26.9   | 24.5   | 105                                                                                 |
| 110                                                                               |       |     |     |       |       |      |        |      |        |      | 28     | 29     | 23.6 | 27.8   | 25.5   | 22.8   | 110                                                                                 |
| 115                                                                               |       |     |     |       |       |      |        |      |        |      | 25.5   | 26.9   | 22.5 | 26.3   | 24.2   | 21.1   | 115                                                                                 |
| 120                                                                               |       |     |     |       |       |      |        |      |        |      |        | 24.7   | 21.4 | 24.9   | 22.9   | 19.6   | 120                                                                                 |
| 125                                                                               |       |     |     |       |       |      |        |      |        |      |        | 22.5   | 20.5 | 23.6   | 21.7   | 18.2   | 125                                                                                 |
| 130                                                                               |       |     |     |       |       |      |        |      |        |      |        | 20.7   | 19.7 | 22.4   | 20.7   | 17     | 130                                                                                 |
| 135                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      | 20.8   | 19.7   | 15.8   | 135                                                                                 |
| 140                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      | 19.2   | 18.7   | 14.8   | 140                                                                                 |
| 145                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      | 17.6   | 17.9   | 13.9   | 145                                                                                 |
| 150                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      | 16.3   | 17.1   | 13.1   | 150                                                                                 |
| 155                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      |        | 16.2   | 12.5   | 155                                                                                 |
| 160                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      |        | 15.1   | 11.9   | 160                                                                                 |
| 165                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      |        |        | 11.5   | 165                                                                                 |
| 170                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      |        |        | 11.1   | 170                                                                                 |
| 175                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      |        |        | 10.7   | 175                                                                                 |
| I                                                                                 | 0     |     |     | 46    | 92    | 0    | 92     | 0    | 92     | 0    | 92     | 92     | 0    | 92     | 92     | 100    | I                                                                                   |
| II                                                                                | 0     |     |     | 0     | 0     | 0    | 46     | 92   | 92     | 0    | 92     | 92     | 92   | 92     | 92     | 100    | II                                                                                  |
| III                                                                               | 0     |     |     | 0     | 0     | 0    | 0      | 46   | 0      | 92   | 46     | 92     | 92   | 92     | 92     | 100    | III                                                                                 |
| IV                                                                                | 0     |     |     | 0     | 0     | 92   | 0      | 0    | 0      | 92   | 0      | 0      | 92   | 46     | 92     | 100    | IV                                                                                  |

1) with additional equipment, over rear, support base 33'9 1/4" x 18'8 3/4"  
 2) with additional pulley block, over rear, support base 33'9 1/4" x 28'2 1/4"

TAB 98074 / 98077



## Lifting heights.





LTM 1225



50 ft - 197 ft



360°



99 200 lbs

85%

|  | 50 ft |     |     | 67 ft | 84 ft |      | 100 ft |      | 117 ft |      | 134 ft | 151 ft |      | 168 ft | 185 ft | 197 ft |  |     |
|-----------------------------------------------------------------------------------|-------|-----|-----|-------|-------|------|--------|------|--------|------|--------|--------|------|--------|--------|--------|-------------------------------------------------------------------------------------|-----|
| ft                                                                                | 1)    | 2)  |     |       |       |      |        |      |        |      |        |        |      |        |        |        | ft                                                                                  |     |
| 10                                                                                | 469   | 400 | 383 |       |       |      |        |      |        |      |        |        |      |        |        |        | 10                                                                                  |     |
| 11                                                                                | 436   | 377 | 363 |       |       |      |        |      |        |      |        |        |      |        |        |        | 11                                                                                  |     |
| 12                                                                                | 404   | 355 | 344 | 317   |       |      |        |      |        |      |        |        |      |        |        |        | 12                                                                                  |     |
| 13                                                                                | 374   | 335 | 326 | 300   |       |      |        |      |        |      |        |        |      |        |        |        | 13                                                                                  |     |
| 14                                                                                | 349   | 319 | 314 | 287   | 245   | 97   |        |      |        |      |        |        |      |        |        |        | 14                                                                                  |     |
| 15                                                                                | 326   | 305 | 297 | 275   | 245   | 97   |        |      |        |      |        |        |      |        |        |        | 15                                                                                  |     |
| 16                                                                                | 306   | 295 | 284 | 267   | 241   | 97   |        |      |        |      |        |        |      |        |        |        | 16                                                                                  |     |
| 17                                                                                | 289   | 284 | 272 | 260   | 236   | 97   | 181    | 162  |        |      |        |        |      |        |        |        | 17                                                                                  |     |
| 18                                                                                | 273   | 270 | 261 | 252   | 230   | 97   | 181    | 159  |        |      |        |        |      |        |        |        | 18                                                                                  |     |
| 20                                                                                | 244   | 244 | 240 | 237   | 217   | 96.5 | 181    | 153  | 143    | 90   |        |        |      |        |        |        | 20                                                                                  |     |
| 22                                                                                | 222   | 222 | 221 | 217   | 205   | 92   | 174    | 147  | 142    | 86.5 |        |        |      |        |        |        | 22                                                                                  |     |
| 24                                                                                | 203   | 203 | 202 | 200   | 193   | 87.5 | 167    | 141  | 140    | 82.5 | 110    |        |      |        |        |        | 24                                                                                  |     |
| 26                                                                                | 186   |     | 186 | 183   | 181   | 83   | 159    | 135  | 135    | 79   | 110    |        |      |        |        |        | 26                                                                                  |     |
| 28                                                                                | 172   |     | 172 | 170   | 166   | 78.5 | 151    | 129  | 131    | 76   | 108    | 86     | 68   |        |        |        | 28                                                                                  |     |
| 30                                                                                | 159   |     | 159 | 157   | 151   | 75   | 143    | 124  | 126    | 72.5 | 105    | 86     | 67   | 67     |        |        | 30                                                                                  |     |
| 32                                                                                | 148   |     | 148 | 145   | 139   | 71.5 | 133    | 118  | 121    | 69.5 | 102    | 84.5   | 65.5 | 67     |        |        | 32                                                                                  |     |
| 34                                                                                | 138   |     | 138 | 135   | 128   | 68.5 | 124    | 114  | 115    | 67   | 99     | 82.5   | 64   | 66.5   | 52     | 43.5   | 34                                                                                  |     |
| 36                                                                                | 129   |     | 129 | 126   | 119   | 65.5 | 115    | 109  | 109    | 64   | 96     | 80.5   | 62.5 | 66     | 52     | 43.5   | 36                                                                                  |     |
| 38                                                                                | 120   |     | 120 | 117   | 109   | 63   | 106    | 105  | 102    | 61.5 | 93.5   | 78     | 61   | 65     | 52.1   | 43.4   | 38                                                                                  |     |
| 40                                                                                |       |     |     | 109   | 101   | 60   | 98.5   | 100  | 96     | 58.9 | 90     | 76     | 59.6 | 64     | 52     | 43.3   | 40                                                                                  |     |
| 45                                                                                |       |     |     | 92.5  | 85    | 54.8 | 83.5   | 89   | 81.5   | 53.2 | 80     | 71     | 55.8 | 60.5   | 50.3   | 42.9   | 45                                                                                  |     |
| 50                                                                                |       |     |     | 78.5  | 73    | 50.3 | 72     | 78   | 70.5   | 48.4 | 70     | 66     | 52   | 57.2   | 48.4   | 42.1   | 50                                                                                  |     |
| 55                                                                                |       |     |     |       | 63    | 46.5 | 62.5   | 68.5 | 61.5   | 44   | 61.5   | 60.5   | 48.3 | 53.9   | 46.5   | 41     | 55                                                                                  |     |
| 60                                                                                |       |     |     |       | 54.7  | 43.3 | 54.3   | 60   | 53.6   | 40.2 | 53.9   | 53.9   | 44.8 | 50.7   | 44.4   | 39.9   | 60                                                                                  |     |
| 65                                                                                |       |     |     |       | 47.4  | 40.6 | 47.8   | 53.6 | 47.3   | 37   | 47.8   | 47.9   | 41.6 | 47.7   | 42.1   | 38.3   | 65                                                                                  |     |
| 70                                                                                |       |     |     |       |       | 38.3 | 42.4   | 48.1 | 42     | 34.2 | 42.6   | 42.9   | 38.8 | 43.7   | 39.9   | 36.6   | 70                                                                                  |     |
| 75                                                                                |       |     |     |       |       |      | 37.4   | 43   | 37.4   | 31.7 | 38.1   | 38.5   | 36.1 | 39.7   | 37.7   | 34.9   | 75                                                                                  |     |
| 80                                                                                |       |     |     |       |       |      | 32.8   | 38.2 | 33.4   | 29.6 | 34.1   | 34.7   | 33.7 | 35.9   | 35.5   | 33.1   | 80                                                                                  |     |
| 85                                                                                |       |     |     |       |       |      | 28.7   | 34   | 29.8   | 27.7 | 30.7   | 31.3   | 31.5 | 32.5   | 33.1   | 31.4   | 85                                                                                  |     |
| 90                                                                                |       |     |     |       |       |      |        |      | 26.4   | 26.1 | 27.7   | 28.3   | 29.6 | 29.6   | 30.3   | 29.8   | 90                                                                                  |     |
| 95                                                                                |       |     |     |       |       |      |        |      | 23.2   | 24.7 | 25     | 25.7   | 27.8 | 27     | 27.7   | 27.6   | 95                                                                                  |     |
| 100                                                                               |       |     |     |       |       |      |        |      | 23.5   | 22.4 | 23.3   | 26.2   | 24.6 | 25.4   | 25.3   | 100    | 100                                                                                 |     |
| 105                                                                               |       |     |     |       |       |      |        |      |        | 19.8 | 21.1   | 24.8   | 22.4 | 23.2   | 23.2   | 105    | 105                                                                                 |     |
| 110                                                                               |       |     |     |       |       |      |        |      |        | 17.6 | 19     | 23.6   | 20.5 | 21.4   | 21.3   | 110    | 110                                                                                 |     |
| 115                                                                               |       |     |     |       |       |      |        |      |        | 15.6 | 17.1   | 22.5   | 18.8 | 19.6   | 19.6   | 115    | 115                                                                                 |     |
| 120                                                                               |       |     |     |       |       |      |        |      |        |      | 15.2   | 21.1   | 17.1 | 18     | 18     | 120    | 120                                                                                 |     |
| 125                                                                               |       |     |     |       |       |      |        |      |        |      | 13.5   | 19.4   | 15.4 | 16.5   | 16.5   | 125    | 125                                                                                 |     |
| 130                                                                               |       |     |     |       |       |      |        |      |        |      | 12     | 17.9   | 13.9 | 15.1   | 15.2   | 130    | 130                                                                                 |     |
| 135                                                                               |       |     |     |       |       |      |        |      |        |      |        |        | 12.5 | 13.7   | 13.9   | 135    | 135                                                                                 |     |
| 140                                                                               |       |     |     |       |       |      |        |      |        |      |        |        | 11.2 | 12.5   | 12.6   | 140    | 140                                                                                 |     |
| 145                                                                               |       |     |     |       |       |      |        |      |        |      |        |        | 10   | 11.3   | 11.4   | 145    | 145                                                                                 |     |
| 150                                                                               |       |     |     |       |       |      |        |      |        |      |        |        | 8.9  | 10.2   | 10.3   | 150    | 150                                                                                 |     |
| 155                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      |        | 9.2    | 9.2    | 155                                                                                 | 155 |
| 160                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      |        | 8.2    | 8.3    | 160                                                                                 | 160 |
| 165                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      |        |        | 7.4    | 165                                                                                 | 165 |
| 170                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      |        |        | 6.6    | 170                                                                                 | 170 |
| 175                                                                               |       |     |     |       |       |      |        |      |        |      |        |        |      |        |        | 5.8    | 175                                                                                 | 175 |
| I                                                                                 | 0     |     |     | 46    | 92    | 0    | 92     | 0    | 92     | 0    | 92     | 92     | 0    | 92     | 92     | 100    | I                                                                                   | I   |
| II                                                                                | 0     |     |     | 0     | 0     | 0    | 46     | 92   | 92     | 0    | 92     | 92     | 92   | 92     | 92     | 100    | II                                                                                  | II  |
| III                                                                               | 0     |     |     | 0     | 0     | 0    | 0      | 46   | 0      | 92   | 46     | 92     | 92   | 92     | 92     | 100    | III                                                                                 | III |
| IV                                                                                | 0     |     |     | 0     | 0     | 92   | 0      | 0    | 0      | 92   | 0      | 0      | 92   | 46     | 92     | 100    | IV                                                                                  | IV  |

1) with additional equipment, over rear, support base 33'9 1/4" x 18'8 1/2"

2) with additional pulley block, over rear, support base 33'9 1/4" x 28'2 1/4"

TAB 98075 / 98078



LTM 1225

**Lifting capacities at guyed telescopic boom.**

117 ft - 197 ft

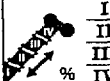


360°



231 500 lbs

85%

|  ft  | 117 ft | 134 ft | 151 ft | 168 ft | 185 ft | 197 ft |  ft |
|---------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|----------------------------------------------------------------------------------------|
| 20                                                                                    | 149    |        |        |        |        |        | 20                                                                                     |
| 22                                                                                    | 149    |        |        |        |        |        | 22                                                                                     |
| 24                                                                                    | 149    | 114    |        |        |        |        | 24                                                                                     |
| 26                                                                                    | 149    | 114    |        |        |        |        | 26                                                                                     |
| 28                                                                                    | 149    | 114    | 87.5   |        |        |        | 28                                                                                     |
| 30                                                                                    | 149    | 114    | 87     | 66.5   |        |        | 30                                                                                     |
| 32                                                                                    | 149    | 114    | 86.5   | 66.5   |        |        | 32                                                                                     |
| 34                                                                                    | 146    | 114    | 86     | 66.5   | 49.7   | 41.2   | 34                                                                                     |
| 36                                                                                    | 141    | 114    | 85.5   | 66     | 49.7   | 41.2   | 36                                                                                     |
| 38                                                                                    | 136    | 114    | 85     | 66     | 49.7   | 41.2   | 38                                                                                     |
| 40                                                                                    | 130    | 114    | 84.5   | 65.5   | 49.6   | 41.2   | 40                                                                                     |
| 45                                                                                    | 116    | 112    | 83.5   | 64     | 48.4   | 41.2   | 45                                                                                     |
| 50                                                                                    | 103    | 104    | 82     | 63     | 47.8   | 41.2   | 50                                                                                     |
| 55                                                                                    | 91.5   | 93.5   | 80.5   | 62     | 47.4   | 41     | 55                                                                                     |
| 60                                                                                    | 81.5   | 83.5   | 79     | 60.5   | 46.9   | 40.5   | 60                                                                                     |
| 65                                                                                    | 73     | 75     | 76     | 59.7   | 46.3   | 40.3   | 65                                                                                     |
| 70                                                                                    | 66     | 68     | 69.5   | 58.8   | 45.7   | 40     | 70                                                                                     |
| 75                                                                                    | 59.6   | 62     | 63.5   | 58     | 45     | 39.7   | 75                                                                                     |
| 80                                                                                    | 54.1   | 56.2   | 58     | 56.9   | 44.4   | 39.4   | 80                                                                                     |
| 85                                                                                    | 49.2   | 51.3   | 53.1   | 55     | 43.9   | 39.1   | 85                                                                                     |
| 90                                                                                    | 44.7   | 47.1   | 48.9   | 51     | 43.4   | 38.5   | 90                                                                                     |
| 95                                                                                    | 40.6   | 43.1   | 44.9   | 47.1   | 43     | 37.8   | 95                                                                                     |
| 100                                                                                   |        | 39.4   | 41.3   | 43.6   | 42.5   | 37.2   | 100                                                                                    |
| 105                                                                                   |        | 36     | 37.9   | 40.2   | 41.8   | 36.5   | 105                                                                                    |
| 110                                                                                   |        | 33     | 34.9   | 37.3   | 38.9   | 35.9   | 110                                                                                    |
| 115                                                                                   |        | 29.5   | 32.2   | 34.5   | 36.1   | 35.3   | 115                                                                                    |
| 120                                                                                   |        |        | 29.6   | 32     | 33.6   | 34     | 120                                                                                    |
| 125                                                                                   |        |        | 27.3   | 29.6   | 31.3   | 31.7   | 125                                                                                    |
| 130                                                                                   |        |        | 25.1   | 27.5   | 29.1   | 29.6   | 130                                                                                    |
| 135                                                                                   |        |        |        | 25.5   | 27.2   | 27.6   | 135                                                                                    |
| 140                                                                                   |        |        |        | 23.6   | 25.3   | 25.7   | 140                                                                                    |
| 145                                                                                   |        |        |        | 21.6   | 23.6   | 24     | 145                                                                                    |
| 150                                                                                   |        |        |        | 18.1   | 22     | 22.4   | 150                                                                                    |
| 155                                                                                   |        |        |        |        | 20.5   | 20.9   | 155                                                                                    |
| 160                                                                                   |        |        |        |        | 18.9   | 19.5   | 160                                                                                    |
| 165                                                                                   |        |        |        |        |        | 18.2   | 165                                                                                    |
| 170                                                                                   |        |        |        |        |        | 16.9   | 170                                                                                    |
| 175                                                                                   |        |        |        |        |        | 14.3   | 175                                                                                    |
|  I | 92     | 92     | 92     | 92     | 92     | 100    | I                                                                                      |
| II                                                                                    | 92     | 92     | 92     | 92     | 92     | 100    | II                                                                                     |
| III                                                                                   | 0      | 46     | 92     | 92     | 92     | 100    | III                                                                                    |
| IV                                                                                    | 0      | 0      | 0      | 46     | 92     | 100    | IV                                                                                     |

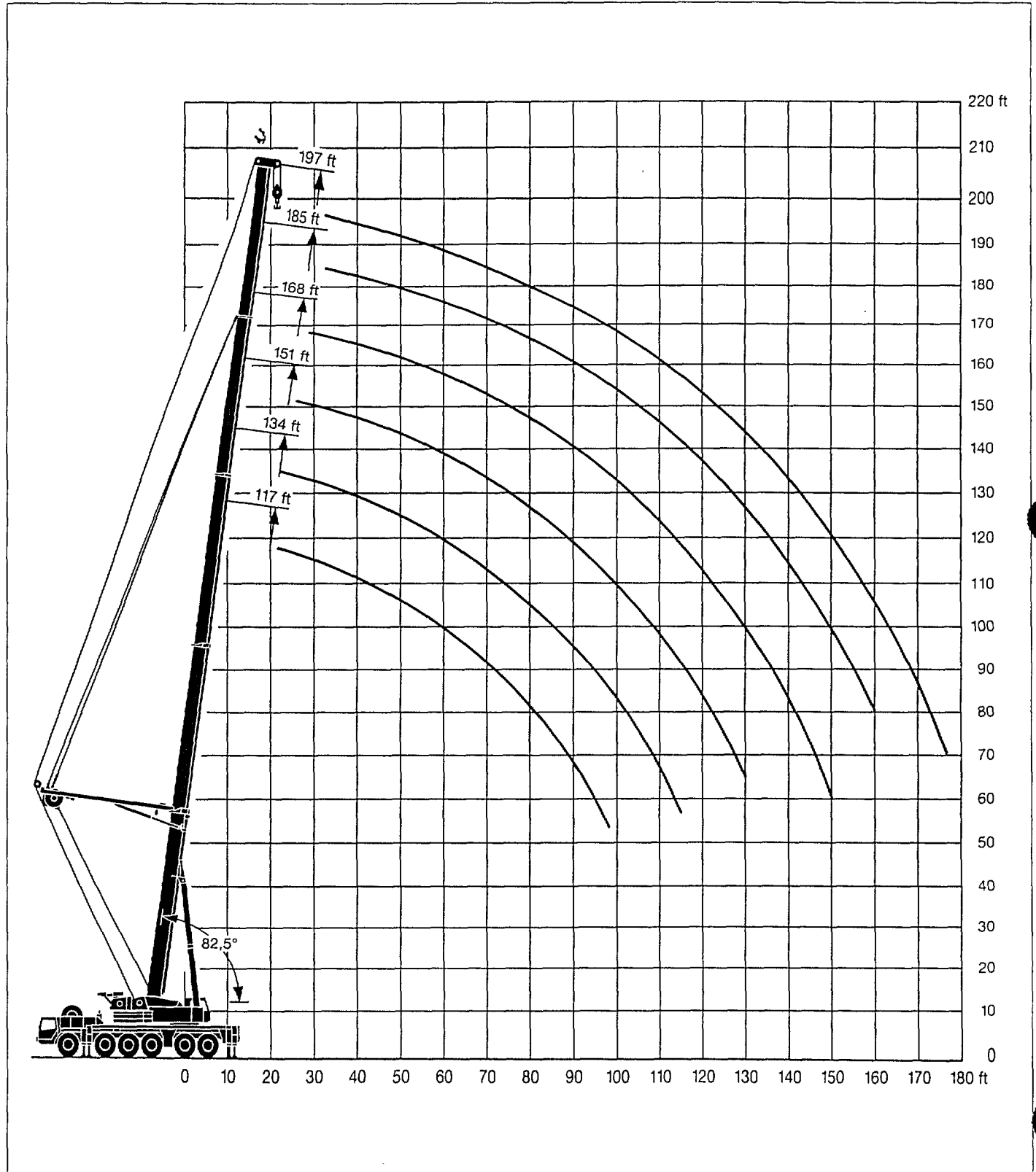
TAB 98264



LTM 1225

## Lifting heights.

Guyed telescopic boom.



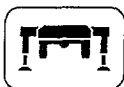


LTM 1225

## Lifting capacities at the lattice fly jib.



168 ft - 185 ft

0° / 20°  
46 ft - 138 ft

360°



143 300 lbs

85%

| ft  | 168 ft |      | 185 ft |      |      |      |      |     |      |     |     |     | ft  |
|-----|--------|------|--------|------|------|------|------|-----|------|-----|-----|-----|-----|
|     | 0°     | 20°  | 0°     | 20°  | 0°   | 20°  | 0°   | 20° | 0°   | 20° | 0°  | 20° |     |
| 50  | 32.7   |      | 23.4   |      |      |      |      |     |      |     |     |     | 50  |
| 55  | 32.7   |      | 23.4   |      | 17.8 |      |      |     |      |     |     |     | 55  |
| 60  | 32     | 19.4 | 23.5   |      | 17.9 |      | 13.8 |     | 10.4 |     |     |     | 60  |
| 65  | 30.3   | 18.7 | 23.5   |      | 18   |      | 13.9 |     | 10.4 |     |     |     | 65  |
| 70  | 28.8   | 18.1 | 23     | 14.8 | 18.1 |      | 13.9 |     | 10.5 |     | 7.7 |     | 70  |
| 75  | 27.3   | 17.6 | 22.3   | 14.3 | 17.9 | 11.2 | 13.9 |     | 10.5 |     | 7.7 |     | 75  |
| 80  | 26     | 17   | 21.5   | 13.8 | 17.3 | 10.7 | 13.8 |     | 10.4 |     | 7.7 |     | 80  |
| 85  | 24.8   | 16.5 | 20.7   | 13.4 | 16.7 | 10.3 | 13.3 |     | 10.2 |     | 7.6 |     | 85  |
| 90  | 23.7   | 15.9 | 20     | 12.9 | 16.1 | 9.9  | 12.9 | 7.8 | 10   |     | 7.4 |     | 90  |
| 95  | 22.6   | 15.2 | 19.2   | 12.5 | 15.5 | 9.5  | 12.4 | 7.5 | 9.6  |     | 7.3 |     | 95  |
| 100 | 21.6   | 14.6 | 18.5   | 12.2 | 14.9 | 9.2  | 11.9 | 7.2 | 9.3  | 5.7 | 7.1 |     | 100 |
| 105 | 20.7   | 13.9 | 17.8   | 11.8 | 14.3 | 8.9  | 11.5 | 6.9 | 8.9  | 5.5 | 6.9 |     | 105 |
| 110 | 19.9   | 13.3 | 17.1   | 11.4 | 13.7 | 8.6  | 11   | 6.6 | 8.6  | 5.3 | 6.6 |     | 110 |
| 115 | 19.1   | 12.8 | 16.4   | 11   | 13.2 | 8.3  | 10.6 | 6.4 | 8.2  | 5.1 | 6.4 |     | 115 |
| 120 | 18.4   | 12.3 | 15.8   | 10.6 | 12.6 | 8    | 10.1 | 6.1 | 7.9  | 4.9 | 6.1 |     | 120 |
| 125 | 17.7   | 11.8 | 15.2   | 10.1 | 12.1 | 7.7  | 9.7  | 5.9 | 7.6  | 4.7 | 5.9 |     | 125 |
| 130 | 17.1   | 11.3 | 14.6   | 9.8  | 11.6 | 7.5  | 9.3  | 5.7 | 7.3  | 4.5 | 5.6 |     | 130 |
| 135 | 16.5   | 10.9 | 14     | 9.4  | 11   | 7.3  | 8.8  | 5.5 | 7    | 4.4 | 5.4 |     | 135 |
| 140 | 15.7   | 10.5 | 13.5   | 9    | 10.6 | 7    | 8.4  | 5.3 | 6.7  | 4.2 | 5.2 |     | 140 |
| 145 | 14.9   | 10.1 | 12.9   | 8.7  | 10.1 | 6.8  | 8    | 5.1 | 6.5  | 4   | 5   |     | 145 |
| 150 | 14.1   | 9.8  | 12.5   | 8.4  | 9.7  | 6.7  | 7.7  | 5   | 6.2  | 3.9 | 4.7 |     | 150 |
| 155 | 13.4   | 9.5  | 12     | 8.1  | 9.3  | 6.5  | 7.3  | 4.8 | 5.9  | 3.8 | 4.5 |     | 155 |
| 160 | 12.7   | 9.1  | 11.5   | 7.9  | 8.9  | 6.3  | 7    | 4.7 | 5.7  | 3.6 | 4.3 |     | 160 |
| 165 | 12     | 8.8  | 11.1   | 7.6  | 8.5  | 6.1  | 6.7  | 4.5 | 5.4  | 3.4 | 4.1 |     | 165 |
| 170 | 11.4   | 8.5  | 10.5   | 7.4  | 8.1  | 6    | 6.4  | 4.4 | 5.2  | 3.3 | 3.9 |     | 170 |
| 175 | 10.8   | 8.2  | 10     | 7.2  | 7.8  | 5.9  | 6.1  | 4.3 | 5    | 3.3 | 3.7 |     | 175 |
| 180 | 10.1   | 7.9  | 9.4    | 6.9  | 7.5  | 5.7  | 5.9  | 4.2 | 4.8  | 3.2 | 3.6 |     | 180 |
| 185 | 9.3    | 7.6  | 9      | 6.7  | 7.2  | 5.4  | 5.6  | 4.1 | 4.6  | 3   | 3.4 |     | 185 |
| 190 | 8.4    | 7.3  | 8.5    | 6.6  | 7    | 5.3  | 5.4  | 4   | 4.4  | 2.8 | 3.3 |     | 190 |
| 195 | 6.7    | 6.7  | 8.1    | 6.4  | 6.7  | 5.1  | 5.2  | 3.8 | 4.2  | 2.7 | 3.1 |     | 195 |
| 200 |        |      | 7.6    | 6.3  | 6.5  | 5    | 5    | 3.7 | 4    | 2.6 | 3   |     | 200 |
| 205 |        |      | 7.1    | 6.1  | 6.3  | 4.8  | 4.8  | 3.6 | 3.8  |     | 2.9 |     | 205 |
| 210 |        |      |        |      | 6.1  | 4.7  | 4.6  | 3.5 | 3.7  |     | 2.6 |     | 210 |
| 215 |        |      |        |      | 5.9  | 4.5  | 4.4  | 3.4 | 3.5  |     | 2.5 |     | 215 |
| 220 |        |      |        |      | 5.6  | 4.4  | 4.3  | 3.3 | 3.3  |     | 2.4 |     | 220 |
| 225 |        |      |        |      | 5.2  | 4.3  | 4.2  | 3.2 | 3.3  |     | 2.3 |     | 225 |
| 230 |        |      |        |      |      | 4.2  | 4.1  | 3.1 | 3.1  |     |     |     | 230 |
| 235 |        |      |        |      |      | 4.1  | 3.8  | 3.1 | 2.9  |     |     |     | 235 |
| 240 |        |      |        |      |      |      | 3.7  | 3   | 2.7  |     |     |     | 240 |
| 245 |        |      |        |      |      |      | 3.5  | 3   | 2.6  |     |     |     | 245 |
| 250 |        |      |        |      |      |      |      | 2.9 | 2.3  |     |     |     | 250 |
| 255 |        |      |        |      |      |      |      | 2.8 | 2.2  |     |     |     | 255 |

TAB 98079 / 98081

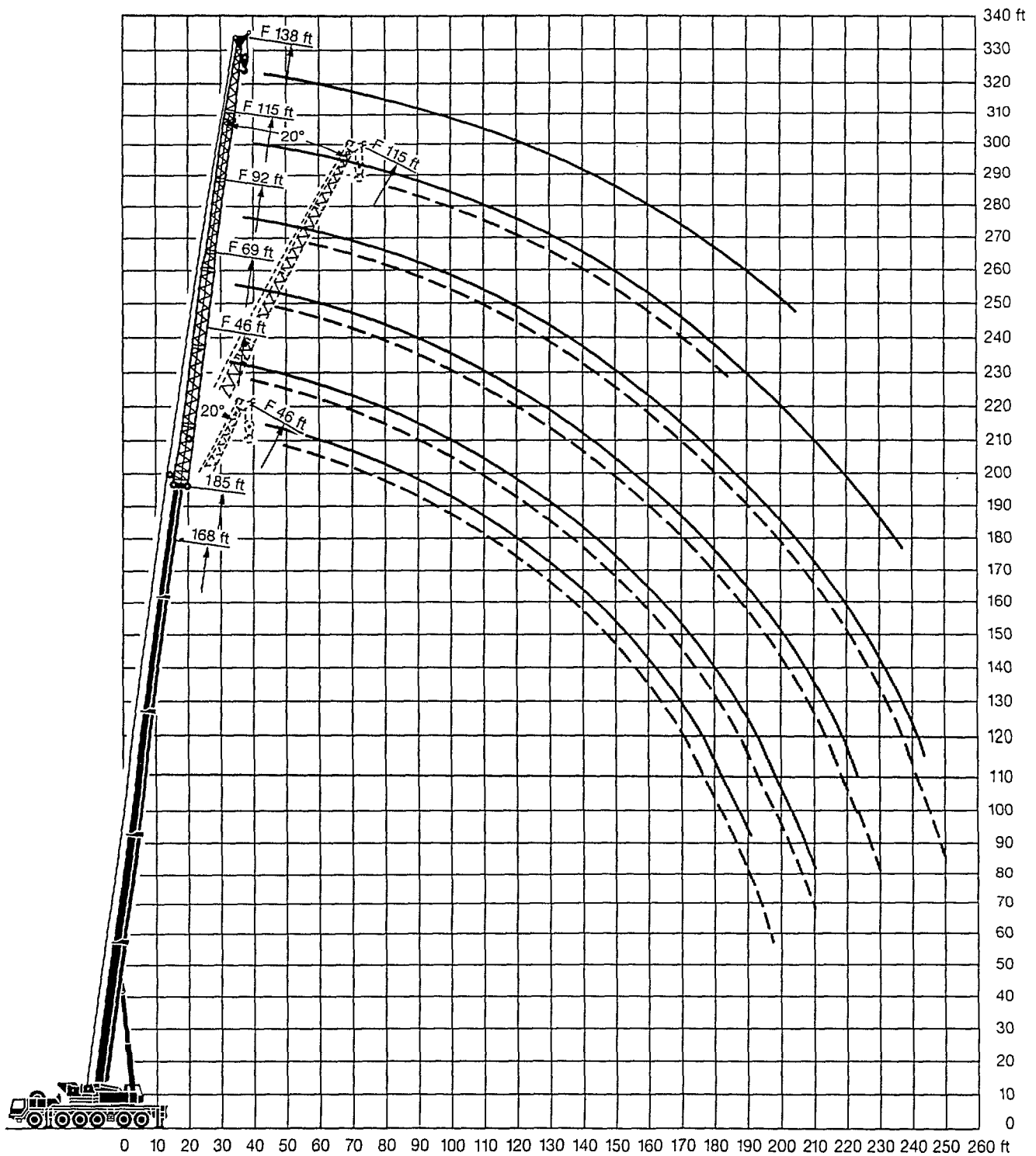
## Remarks referring to load charts.

1. The tabulated lifting capacities do not exceed 85 % of the tipping load.
2. The crane's structural steelwork is in accordance with DIN 15018, part 3. Design and construction of the crane comply with DIN 15018, part 2, and with F. E. M. regulations.
3. The 85 % overturning limit values take into account wind force 5 = wind speed 20 mph.
4. Lifting capacities are given in kips.
5. The weight of the hook blocks and hooks must be deducted from the lifting capacities.
6. Working radii are measured from the slewing centreline.
7. The lifting capacities given for the telescopic boom only apply if the folding jib is taken off.
8. Lifting capacities are subject to modifications.
9. Lifting capacities above 356 kips only with special equipment.



## Lifting heights.

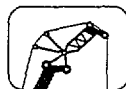
Lattice fly jib.





LTM 1225

# Lifting capacities at the luffing lattice jib.

82°  
50 ft - 84 ft

57 ft - 207 ft



360°



99 200 lbs

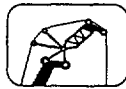
85%

| ft  | 50 ft |       |       |        |        |        |        |        | 84 ft |       |       |        |        |        |        |        | ft  |
|-----|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|-----|
|     | 57 ft | 69 ft | 92 ft | 115 ft | 138 ft | 161 ft | 184 ft | 207 ft | 57 ft | 69 ft | 92 ft | 115 ft | 138 ft | 161 ft | 184 ft | 207 ft |     |
| 30  |       | 114   |       |        |        |        |        |        |       |       |       |        |        |        |        |        | 30  |
| 32  |       | 112   |       |        |        |        |        |        |       |       |       |        |        |        |        |        | 32  |
| 34  | 109   | 111   | 86    |        |        |        |        |        |       |       |       |        |        |        |        |        | 34  |
| 36  | 106   | 109   | 85.5  |        |        |        |        |        |       |       |       |        |        |        |        |        | 36  |
| 38  | 104   | 107   | 84.5  |        |        |        |        |        |       |       |       |        |        |        |        |        | 38  |
| 40  | 100   | 104   | 84    | 65.5   |        |        |        |        | 94    | 83    | 66.5  |        |        |        |        |        | 40  |
| 45  | 84    | 89.5  | 82    | 64     |        |        |        |        | 93    | 82.5  | 66    |        |        |        |        |        | 45  |
| 50  | 69.5  | 77.5  | 77.5  | 63     | 50.4   |        |        |        | 83.5  | 81.5  | 65.5  | 48.7   |        |        |        |        | 50  |
| 55  | 54.6  | 66    | 70.5  | 62     | 49.4   | 39.7   |        |        | 71.5  | 77    | 64.5  | 48     | 39.5   |        |        |        | 55  |
| 60  |       | 56.1  | 62    | 60.5   | 48.5   | 39     |        |        | 58.6  | 68    | 64    | 47.3   | 39.4   | 29.2   |        |        | 60  |
| 65  |       | 47.4  | 54.9  | 58.5   | 47.5   | 38.4   |        |        | 46.7  | 57.9  | 63    | 46.5   | 38.9   | 29.2   |        |        | 65  |
| 70  |       |       | 48.6  | 53.3   | 46.6   | 37.8   | 30.3   |        |       | 47.7  | 56.9  | 45.8   | 38.3   | 29     | 23.6   |        | 70  |
| 75  |       |       | 42.6  | 48.3   | 45.6   | 37.1   | 29.8   | 21.8   |       |       | 50.7  | 45.1   | 37.7   | 28.6   | 23.3   |        | 75  |
| 80  |       |       | 37    | 43.7   | 44.5   | 36.5   | 29.3   | 21.4   |       |       | 44.9  | 44.3   | 37.2   | 28.3   | 23.1   | 18     | 80  |
| 85  |       |       | 31.4  | 39.5   | 42.7   | 35.8   | 28.8   | 21.1   |       |       | 39.2  | 43.6   | 36.6   | 28     | 22.9   | 17.8   | 85  |
| 90  |       |       | 25.4  | 35.6   | 39.4   | 35.2   | 28.4   | 20.7   |       |       | 33.9  | 40.3   | 36     | 27.7   | 22.6   | 17.7   | 90  |
| 95  |       |       |       | 31.9   | 36.1   | 34.5   | 27.9   | 20.4   |       |       | 27.3  | 36.8   | 35.4   | 27.4   | 22.4   | 17.5   | 95  |
| 100 |       |       |       | 28.2   | 33.1   | 33.5   | 27.4   | 20     |       |       |       | 33.3   | 34.8   | 27     | 22.1   | 17.3   | 100 |
| 105 |       |       |       | 24.7   | 30.2   | 31.7   | 26.9   | 19.7   |       |       |       | 29.8   | 33.9   | 26.7   | 21.9   | 17.1   | 105 |
| 110 |       |       |       | 21.5   | 27.5   | 29.4   | 26.4   | 19.4   |       |       |       | 26.7   | 31.3   | 26.4   | 21.7   | 16.9   | 110 |
| 115 |       |       |       |        | 24.9   | 27.2   | 26     | 19.1   |       |       |       | 22.6   | 28.7   | 26.1   | 21.4   | 16.7   | 115 |
| 120 |       |       |       |        | 22.4   | 25     | 25.3   | 18.8   |       |       |       |        | 26.2   | 25.7   | 21.2   | 16.4   | 120 |
| 125 |       |       |       |        | 19.9   | 23     | 24.1   | 18.5   |       |       |       |        | 23.9   | 25.4   | 21     | 16     | 125 |
| 130 |       |       |       |        | 17.9   | 21.2   | 22.5   | 18.1   |       |       |       |        | 21.2   | 23.9   | 20.7   | 15.8   | 130 |
| 135 |       |       |       |        | 14.8   | 19.3   | 20.9   | 17.7   |       |       |       |        | 18.9   | 22.2   | 20.5   | 15.5   | 135 |
| 140 |       |       |       |        |        | 17.6   | 19.4   | 17.2   |       |       |       |        | 15.9   | 20.4   | 20.3   | 15.2   | 140 |
| 145 |       |       |       |        |        | 15.9   | 17.9   | 16.7   |       |       |       |        |        | 18.7   | 20     | 15     | 145 |
| 150 |       |       |       |        |        | 14.6   | 16.4   | 16.3   |       |       |       |        |        | 16.9   | 19.7   | 14.6   | 150 |
| 155 |       |       |       |        |        | 12.6   | 15     | 16     |       |       |       |        |        | 15.3   | 18.4   | 14.4   | 155 |
| 160 |       |       |       |        |        |        | 13.7   | 15.4   |       |       |       |        |        | 13.2   | 17     | 14.2   | 160 |
| 165 |       |       |       |        |        |        | 12.4   | 14.6   |       |       |       |        |        |        | 15.6   | 14     | 165 |
| 170 |       |       |       |        |        |        | 11.6   | 13.4   |       |       |       |        |        |        | 14.1   | 13.9   | 170 |
| 175 |       |       |       |        |        |        | 10.1   | 12.2   |       |       |       |        |        |        | 13     | 13.7   | 175 |
| 180 |       |       |       |        |        |        | 8.3    | 11.1   |       |       |       |        |        |        | 11.5   | 13.1   | 180 |
| 185 |       |       |       |        |        |        |        | 10.1   |       |       |       |        |        |        | 9.5    | 12.1   | 185 |
| 190 |       |       |       |        |        |        |        | 8.9    |       |       |       |        |        |        | 7.2    | 10.9   | 190 |
| 195 |       |       |       |        |        |        |        | 8      |       |       |       |        |        |        |        | 10.2   | 195 |
| 200 |       |       |       |        |        |        |        | 6.9    |       |       |       |        |        |        |        | 9.1    | 200 |
| 205 |       |       |       |        |        |        |        |        |       |       |       |        |        |        |        | 7.6    | 205 |

TAB 98184.1



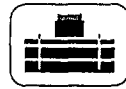
LTM 1225

82°  
117 ft - 168 ft

69 ft - 207 ft



360°



99 200 lbs

85%

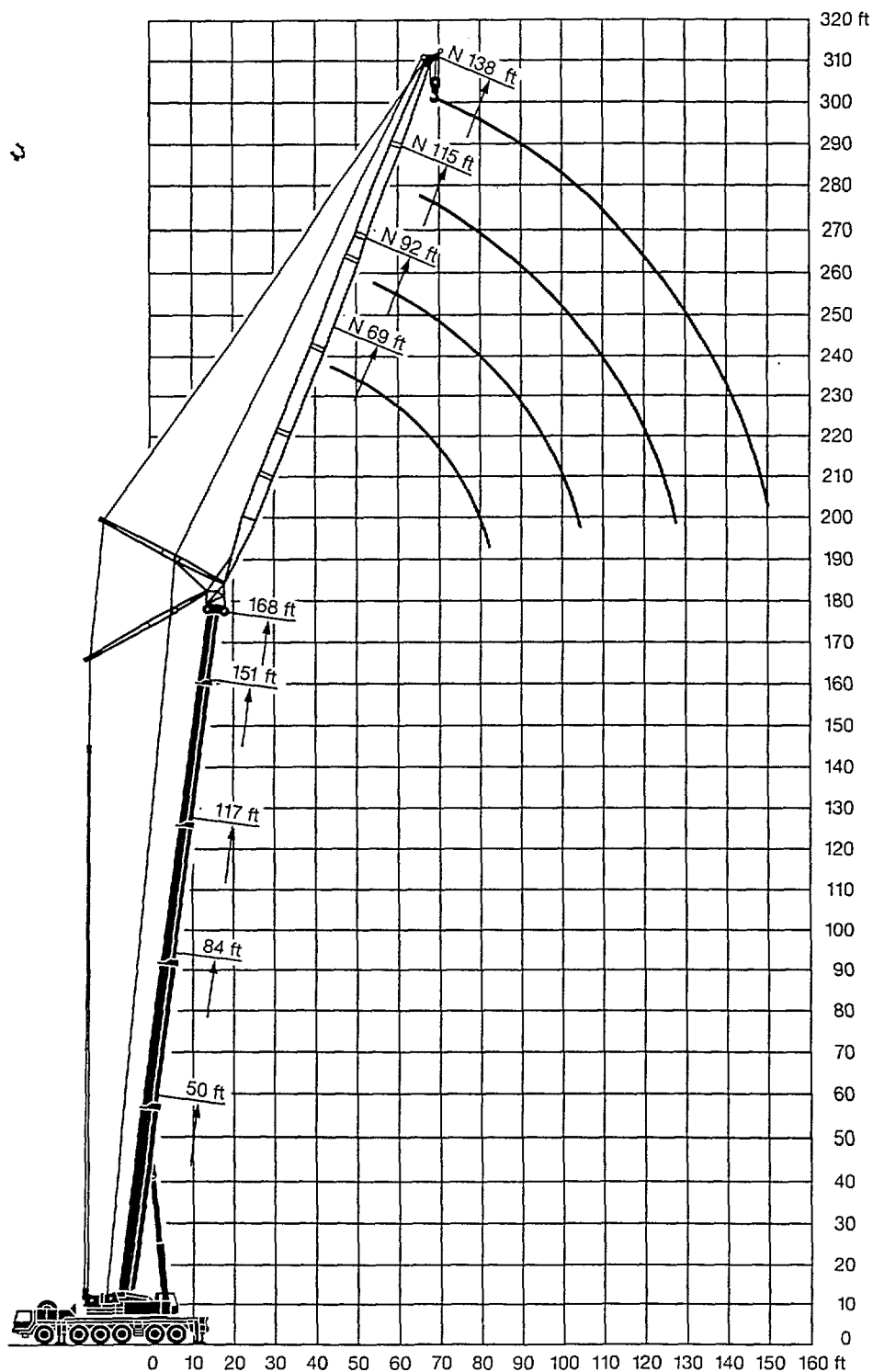
|  | 117 ft |       |        |        |        |        |        | 151 ft |       |        |        |        |        | 168 ft |       |        |        |  |     |
|-----------------------------------------------------------------------------------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------------------------------------------------------------------------------------|-----|
|                                                                                   | 69 ft  | 92 ft | 115 ft | 138 ft | 161 ft | 184 ft | 207 ft | 69 ft  | 92 ft | 115 ft | 138 ft | 161 ft | 184 ft | 69 ft  | 92 ft | 115 ft | 138 ft |                                                                                     |     |
| 50                                                                                | 52.4   | 43.3  |        |        |        |        |        |        |       |        |        |        |        |        |       |        |        | 50                                                                                  |     |
| 55                                                                                | 51.5   | 42.6  | 33.1   |        |        |        |        | 30.3   | 24.2  |        |        |        |        |        | 21    |        |        | 55                                                                                  |     |
| 60                                                                                | 50.5   | 41.8  | 32.5   | 26.8   |        |        |        | 29.7   | 23.9  | 17.2   |        |        |        |        | 20.6  | 15.4   |        | 60                                                                                  |     |
| 65                                                                                | 49.6   | 41.1  | 31.8   | 26.1   |        |        |        | 29.1   | 23.5  | 17     |        |        |        |        | 20.2  | 15.1   |        | 65                                                                                  |     |
| 70                                                                                | 48.6   | 40.4  | 31.3   | 26     | 19.8   |        |        | 28.5   | 23.1  | 16.8   | 12.8   |        |        |        | 19.8  | 14.9   | 10.2   | 70                                                                                  |     |
| 75                                                                                | 43.4   | 39.7  | 30.7   | 25.5   | 19.7   | 15.7   |        | 27.9   | 22.8  | 16.6   | 12.6   | 9.2    |        |        | 19.4  | 14.6   | 10     | 7.1                                                                                 | 75  |
| 80                                                                                |        | 38.9  | 30     | 25.1   | 19.5   | 15.5   |        | 27.3   | 22.4  | 16.4   | 12.5   | 9.1    |        |        | 19    | 14.3   | 9.7    | 7                                                                                   | 80  |
| 85                                                                                |        | 38.2  | 29.4   | 24.7   | 19.3   | 15.4   |        | 26.7   | 22.1  | 16.2   | 12.4   | 8.9    |        |        | 18.6  | 14.1   | 9.5    | 6.9                                                                                 | 85  |
| 90                                                                                |        | 37.5  | 29     | 24.3   | 19.2   | 15.3   | 11.4   |        | 21.7  | 16     | 12.3   | 8.8    | 6.4    |        |       | 13.8   | 9.3    | 6.8                                                                                 | 90  |
| 95                                                                                |        | 33.6  | 28.7   | 23.9   | 19     | 15.1   | 11.3   |        | 21.3  | 15.8   | 12.1   | 8.7    | 6.3    |        |       | 13.5   | 9      | 6.7                                                                                 | 95  |
| 100                                                                               |        |       | 28.4   | 23.5   | 18.8   | 15     | 11.1   |        | 21    | 15.5   | 12     | 8.6    | 6.2    |        |       | 13.2   | 8.8    | 6.5                                                                                 | 100 |
| 105                                                                               |        |       | 28.1   | 23     | 18.7   | 14.8   | 11     |        |       | 15.3   | 11.9   | 8.5    | 6.1    |        |       | 13     | 8.6    | 6.5                                                                                 | 105 |
| 110                                                                               |        |       | 27.8   | 22.9   | 18.5   | 14.7   | 10.9   |        |       | 15.1   | 11.8   | 8.3    | 6.1    |        |       | 12.7   | 8.3    | 6.3                                                                                 | 110 |
| 115                                                                               |        |       | 26.3   | 22.7   | 18.3   | 14.6   | 10.8   |        |       | 14.9   | 11.6   | 8.2    | 6      |        |       |        | 8.1    | 6.2                                                                                 | 115 |
| 120                                                                               |        |       | 22.9   | 22.5   | 18.1   | 14.4   | 10.6   |        |       | 14.7   | 11.5   | 8.1    | 5.9    |        |       |        | 7.9    | 6.1                                                                                 | 120 |
| 125                                                                               |        |       |        | 22.3   | 18     | 14.3   | 10.6   |        |       | 14.5   | 11.4   | 8      | 5.8    |        |       |        | 7.7    | 6                                                                                   | 125 |
| 130                                                                               |        |       |        | 22.1   | 17.8   | 14.1   | 10.5   |        |       | 14.2   | 11.3   | 7.9    | 5.8    |        |       |        | 7.4    | 5.9                                                                                 | 130 |
| 135                                                                               |        |       |        | 21.9   | 17.6   | 14     | 10.4   |        |       |        | 11.1   | 7.7    | 5.7    |        |       |        |        | 5.8                                                                                 | 135 |
| 140                                                                               |        |       |        | 20.2   | 17.5   | 13.9   | 10.4   |        |       |        | 11     | 7.6    | 5.6    |        |       |        |        | 5.7                                                                                 | 140 |
| 145                                                                               |        |       |        | 16.6   | 17.3   | 13.7   | 10.3   |        |       |        | 10.9   | 7.5    | 5.5    |        |       |        |        | 5.6                                                                                 | 145 |
| 150                                                                               |        |       |        | 13.9   | 17.1   | 13.6   | 10.2   |        |       |        | 10.7   | 7.4    | 5.4    |        |       |        |        | 5.5                                                                                 | 150 |
| 155                                                                               |        |       |        |        | 16.9   | 13.4   | 10.2   |        |       |        |        | 7.3    | 5.4    |        |       |        |        | 5.4                                                                                 | 155 |
| 160                                                                               |        |       |        |        | 16.1   | 13.3   | 10.1   |        |       |        |        | 7.1    | 5.3    |        |       |        |        |                                                                                     | 160 |
| 165                                                                               |        |       |        |        | 14.1   | 13.1   | 10.1   |        |       |        |        | 7      | 5.2    |        |       |        |        |                                                                                     | 165 |
| 170                                                                               |        |       |        |        | 10.4   | 13     | 10     |        |       |        |        | 6.9    | 5.1    |        |       |        |        |                                                                                     | 170 |
| 175                                                                               |        |       |        |        |        | 12.9   | 9.9    |        |       |        |        | 6.8    | 5.1    |        |       |        |        |                                                                                     | 175 |
| 180                                                                               |        |       |        |        |        | 12.6   | 9.8    |        |       |        |        |        | 5      |        |       |        |        |                                                                                     | 180 |
| 185                                                                               |        |       |        |        |        | 11.8   | 9.8    |        |       |        |        |        | 4.9    |        |       |        |        |                                                                                     | 185 |
| 190                                                                               |        |       |        |        |        | 9.6    | 9.7    |        |       |        |        |        | 4.8    |        |       |        |        |                                                                                     | 190 |
| 195                                                                               |        |       |        |        |        | 7.9    | 9.6    |        |       |        |        |        | 4.7    |        |       |        |        |                                                                                     | 195 |
| 200                                                                               |        |       |        |        |        |        | 9.5    |        |       |        |        |        |        |        |       |        |        |                                                                                     | 200 |
| 205                                                                               |        |       |        |        |        |        | 9.1    |        |       |        |        |        |        |        |       |        |        |                                                                                     | 205 |
| 210                                                                               |        |       |        |        |        |        | 7.9    |        |       |        |        |        |        |        |       |        |        |                                                                                     | 210 |
| 215                                                                               |        |       |        |        |        |        | 5.9    |        |       |        |        |        |        |        |       |        |        |                                                                                     | 215 |

TAB 98184.2/3



## Lifting heights.

Luffing lattice jib.



Telescopic boom: 82°



LTM 1225

**Lifting capacities at the luffing lattice jib.**75°  
50 ft – 84 ft

57 ft – 207 ft



360°



143 300 lbs

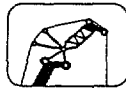
85%

| ft  | 50 ft |       |       |        |        |        |        |        | 84 ft |       |       |        |        |        |        |        | ft  |
|-----|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|-----|
|     | 57 ft | 69 ft | 92 ft | 115 ft | 138 ft | 161 ft | 184 ft | 207 ft | 57 ft | 69 ft | 92 ft | 115 ft | 138 ft | 161 ft | 184 ft | 207 ft |     |
| 50  | 92    | 88    |       |        |        |        |        |        | 79    | 70.5  |       |        |        |        |        |        | 50  |
| 55  | 79    | 83    | 67    |        |        |        |        |        |       |       |       |        |        |        |        |        | 55  |
| 60  | 65    | 73.5  | 66    | 50.6   |        |        |        |        | 73.5  | 69.5  | 54.9  |        |        |        |        |        | 60  |
| 65  | 49.5  | 63.5  | 65.5  | 50.4   |        |        |        |        | 69    | 67.5  | 54.4  |        |        |        |        |        | 65  |
| 70  |       | 53.6  | 59.9  | 50.1   |        |        |        |        | 61.5  | 64    | 53.9  |        |        |        |        |        | 70  |
| 75  |       |       | 53.7  | 49.8   | 39.8   |        |        |        |       | 59.8  | 53.4  | 40.5   |        |        |        |        | 75  |
| 80  |       |       | 47.7  | 49.1   | 39.5   | 31.4   |        |        |       | 53.4  | 52.9  | 40.1   | 31.8   |        |        |        | 80  |
| 85  |       |       | 42    | 47.1   | 39.2   | 31.1   |        |        |       | 41.3  | 52.5  | 39.8   | 31.6   |        |        |        | 85  |
| 90  |       |       | 36.6  | 43.2   | 38.9   | 30.9   |        |        |       |       | 48.2  | 39.5   | 31.3   |        |        |        | 90  |
| 95  |       |       | 31    | 39.2   | 38.6   | 30.6   | 25     |        |       |       | 43.1  | 39.1   | 31.1   | 24.9   |        |        | 95  |
| 100 |       |       |       | 35.5   | 37.7   | 30.4   | 24.8   |        |       |       | 37.8  | 38.8   | 30.9   | 24.7   |        |        | 100 |
| 105 |       |       |       | 32     | 35.7   | 30.1   | 24.6   | 19     |       |       |       | 38.5   | 30.6   | 24.5   | 19.5   |        | 105 |
| 110 |       |       |       | 28.4   | 33     | 29.9   | 24.3   | 18.8   |       |       |       | 35.7   | 30.5   | 24.4   | 19.4   |        | 110 |
| 115 |       |       |       | 24.8   | 30.5   | 29.5   | 24.1   | 18.7   |       |       |       | 32.5   | 30.1   | 24.2   | 19.2   | 15     | 115 |
| 120 |       |       |       |        | 27.9   | 28.7   | 23.9   | 18.5   |       |       |       | 29.1   | 29.6   | 24     | 19.1   | 14.8   | 120 |
| 125 |       |       |       |        | 25.4   | 27.2   | 23.6   | 18.4   |       |       |       | 25.5   | 29.2   | 24     | 19     | 14.7   | 125 |
| 130 |       |       |       |        | 22.9   | 25.4   | 23.4   | 18.2   |       |       |       | 20.4   | 28.1   | 23.7   | 18.9   | 14.6   | 130 |
| 135 |       |       |       |        | 20.4   | 23.5   | 23.1   | 17.9   |       |       |       |        | 26     | 23.4   | 18.8   | 14.5   | 135 |
| 140 |       |       |       |        | 17.8   | 21.7   | 22.4   | 17.7   |       |       |       |        | 23.7   | 23.1   | 18.6   | 14.4   | 140 |
| 145 |       |       |       |        |        | 19.9   | 21     | 17.5   |       |       |       |        | 21.3   | 22.7   | 18.4   | 14.3   | 145 |
| 150 |       |       |       |        |        | 18.2   | 19.7   | 17.3   |       |       |       |        | 18.8   | 22     | 18.1   | 14.2   | 150 |
| 155 |       |       |       |        |        | 16.4   | 18.3   | 17.1   |       |       |       |        |        | 20.5   | 17.8   | 14.1   | 155 |
| 160 |       |       |       |        |        | 14.7   | 17     | 16.9   |       |       |       |        |        | 18.8   | 17.6   | 13.9   | 160 |
| 165 |       |       |       |        |        |        | 15.6   | 16.7   |       |       |       |        |        | 17     | 17.3   | 13.6   | 165 |
| 170 |       |       |       |        |        |        | 14.3   | 16.2   |       |       |       |        |        | 15     | 17     | 13.5   | 170 |
| 175 |       |       |       |        |        |        | 12.9   | 15.1   |       |       |       |        |        | 12.4   | 16.7   | 13.3   | 175 |
| 180 |       |       |       |        |        |        | 11.5   | 13.9   |       |       |       |        |        |        | 15.8   | 13.1   | 180 |
| 185 |       |       |       |        |        |        | 10     | 12.8   |       |       |       |        |        |        | 14.4   | 12.9   | 185 |
| 190 |       |       |       |        |        |        | 8.7    | 11.7   |       |       |       |        |        |        | 12.9   | 12.6   | 190 |
| 195 |       |       |       |        |        |        |        | 10.6   |       |       |       |        |        |        | 11.5   | 12.5   | 195 |
| 200 |       |       |       |        |        |        |        | 9.4    |       |       |       |        |        |        |        | 12.1   | 200 |
| 205 |       |       |       |        |        |        |        | 8.3    |       |       |       |        |        |        |        | 11.3   | 205 |
| 210 |       |       |       |        |        |        |        | 7.3    |       |       |       |        |        |        |        | 10.1   | 210 |
| 215 |       |       |       |        |        |        |        | 5.9    |       |       |       |        |        |        |        | 9.3    | 215 |
| 220 |       |       |       |        |        |        |        |        |       |       |       |        |        |        |        | 7.5    | 220 |

TAB 98185.1



LTM 1225

75°  
117 ft - 168 ft

69 ft - 207 ft

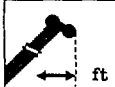


360°



143 300 lbs

85%

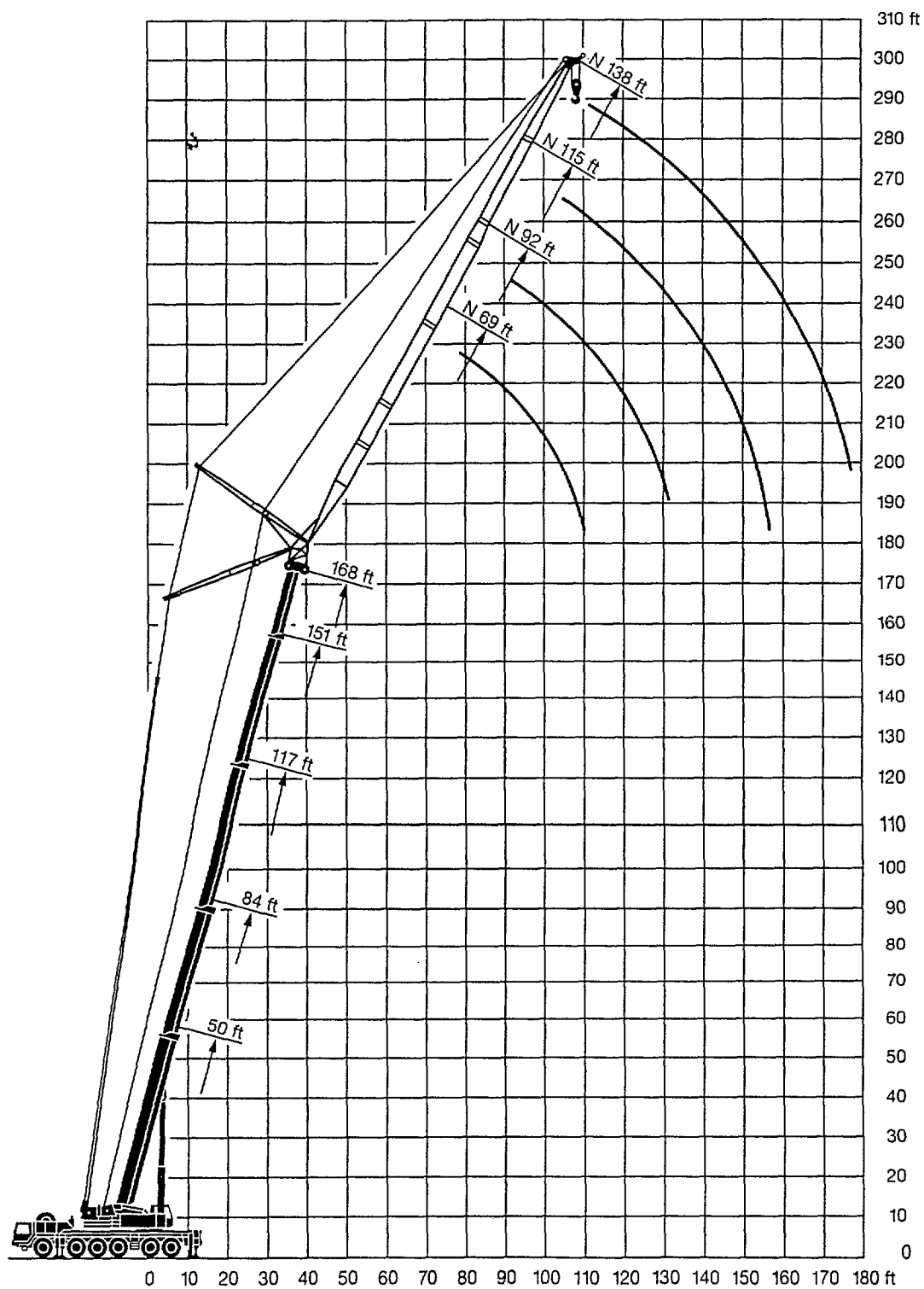
|  | 117 ft |       |        |        |        |        |        | 151 ft |       |        |        |        |        |       | 168 ft |        |        |     |  |
|-----------------------------------------------------------------------------------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|--------|--------|--------|-----|-------------------------------------------------------------------------------------|
|                                                                                   | 69 ft  | 92 ft | 115 ft | 138 ft | 161 ft | 184 ft | 207 ft | 69 ft  | 92 ft | 115 ft | 138 ft | 161 ft | 184 ft | 69 ft | 92 ft  | 115 ft | 138 ft |     |                                                                                     |
| 70                                                                                | 43.7   |       |        |        |        |        |        |        |       |        |        |        |        |       |        |        |        | 70  |                                                                                     |
| 75                                                                                | 43.5   | 35.9  |        |        |        |        |        | 24.3   |       |        |        |        |        |       |        |        |        | 75  |                                                                                     |
| 80                                                                                | 43.3   | 35.8  |        |        |        |        |        | 24.2   |       |        |        |        |        | 17.3  |        |        |        | 80  |                                                                                     |
| 85                                                                                | 43.1   | 35.6  |        |        |        |        |        | 24.1   |       |        |        |        |        | 16.8  |        |        |        | 85  |                                                                                     |
| 90                                                                                | 40.6   | 35.5  | 27.9   |        |        |        |        | 23.3   | 18.8  |        |        |        |        | 16.4  |        |        |        | 90  |                                                                                     |
| 95                                                                                |        | 35.3  | 27.8   | 22.6   |        |        |        | 22.6   | 18.7  |        |        |        |        | 15.9  | 12.1   |        |        | 95  |                                                                                     |
| 100                                                                               |        | 34.7  | 27.7   | 22.6   |        |        |        | 21.8   | 18.6  | 13.9   |        |        |        | 15.5  | 11.7   |        |        | 100 |                                                                                     |
| 105                                                                               |        | 33.2  | 27.5   | 22.5   | 18.1   |        |        |        | 18.5  | 13.8   | 10.5   |        |        | 15    | 11.3   | 7.7    |        | 105 |                                                                                     |
| 110                                                                               |        | 31.6  | 27.4   | 22.4   | 18     |        |        |        | 17.9  | 13.8   | 10.5   |        |        | 14.5  | 11     | 7.6    |        | 110 |                                                                                     |
| 115                                                                               |        | 29.6  | 27.3   | 22.4   | 18     | 13.9   |        |        | 17.2  | 13.7   | 10.4   |        |        |       | 10.6   | 7.4    | 5.6    | 115 |                                                                                     |
| 120                                                                               |        |       | 26.8   | 22.3   | 17.9   | 13.9   |        |        | 16.6  | 13.6   | 10.4   | 7.5    |        |       | 10.3   | 7.2    | 5.6    | 120 |                                                                                     |
| 125                                                                               |        |       | 25.9   | 22.2   | 17.9   | 13.8   | 10.4   |        | 16    | 13.6   | 10.4   | 7.4    | 5.4    |       | 9.9    | 7.1    | 5.6    | 125 |                                                                                     |
| 130                                                                               |        |       | 24.9   | 22.1   | 17.9   | 13.8   | 10.4   |        | 15.4  | 13.5   | 10.3   | 7.4    | 5.3    |       | 9.5    | 6.9    | 5.6    | 130 |                                                                                     |
| 135                                                                               |        |       | 23.6   | 21.8   | 17.8   | 13.7   | 10.4   |        |       | 13     | 10.3   | 7.4    | 5.3    |       |        | 6.7    | 5.5    | 135 |                                                                                     |
| 140                                                                               |        |       |        | 21.4   | 17.7   | 13.7   | 10.3   |        |       | 12.4   | 10.2   | 7.3    | 5.3    |       |        | 6.5    | 5.5    | 140 |                                                                                     |
| 145                                                                               |        |       |        | 21     | 17.5   | 13.6   | 10.3   |        |       | 11.8   | 10.1   | 7.3    | 5.3    |       |        | 6.4    | 5.5    | 145 |                                                                                     |
| 150                                                                               |        |       |        | 20.3   | 17.3   | 13.6   | 10.2   |        |       | 11.1   | 9.7    | 7.3    | 5.3    |       |        | 6.2    | 5.3    | 150 |                                                                                     |
| 155                                                                               |        |       |        | 19.5   | 17.1   | 13.3   | 10.2   |        |       |        | 9      | 7.3    | 5.3    |       |        | 6.1    | 5.1    | 155 |                                                                                     |
| 160                                                                               |        |       |        | 18.2   | 16.8   | 13     | 10.2   |        |       |        | 8.2    | 7.1    | 5.2    |       |        |        | 4.9    | 160 |                                                                                     |
| 165                                                                               |        |       |        |        | 16.3   | 12.6   | 10.1   |        |       |        | 7.4    | 6.9    | 5.2    |       |        |        | 4.8    | 165 |                                                                                     |
| 170                                                                               |        |       |        |        | 15.8   | 12.4   | 9.9    |        |       |        | 6.7    | 6.7    | 5.2    |       |        |        | 4.6    | 170 |                                                                                     |
| 175                                                                               |        |       |        |        | 15.3   | 12.1   | 9.8    |        |       |        | 5.9    | 6.5    | 5      |       |        |        | 4.4    | 175 |                                                                                     |
| 180                                                                               |        |       |        |        | 14.6   | 11.8   | 9.6    |        |       |        |        | 6.2    | 4.8    |       |        |        |        | 180 |                                                                                     |
| 185                                                                               |        |       |        |        |        | 11.5   | 9.4    |        |       |        |        | 5.9    | 4.6    |       |        |        |        | 185 |                                                                                     |
| 190                                                                               |        |       |        |        |        | 11.3   | 9.3    |        |       |        |        | 5.6    | 4.4    |       |        |        |        | 190 |                                                                                     |
| 195                                                                               |        |       |        |        |        | 11     | 9.1    |        |       |        |        | 5.3    | 4.2    |       |        |        |        | 195 |                                                                                     |
| 200                                                                               |        |       |        |        |        | 10.7   | 8.9    |        |       |        |        |        | 4      |       |        |        |        | 200 |                                                                                     |
| 205                                                                               |        |       |        |        |        | 10.2   | 8.7    |        |       |        |        |        | 3.8    |       |        |        |        | 205 |                                                                                     |
| 210                                                                               |        |       |        |        |        |        | 8.6    |        |       |        |        |        | 3.5    |       |        |        |        | 210 |                                                                                     |
| 215                                                                               |        |       |        |        |        |        | 8.4    |        |       |        |        |        | 3.2    |       |        |        |        | 215 |                                                                                     |
| 220                                                                               |        |       |        |        |        |        | 8.1    |        |       |        |        |        | 2.9    |       |        |        |        | 220 |                                                                                     |
| 225                                                                               |        |       |        |        |        |        | 7.8    |        |       |        |        |        |        |       |        |        |        | 225 |                                                                                     |

TAB 98185.2/3



## Lifting heights.

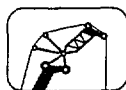
Luffing lattice jib.



Telescopic boom: 75°



LTM 1225

**Lifting capacities at the luffing lattice jib.**68°  
50 ft – 84 ft

57 ft – 207 ft



360°



143 300 lbs

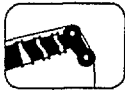
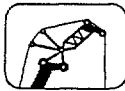
85%

| ft  | 50 ft |       |       |        |        |        |        |        | 84 ft |       |       |        |        |        |        |        | ft  |
|-----|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|-----|
|     | 57 ft | 69 ft | 92 ft | 115 ft | 138 ft | 161 ft | 184 ft | 207 ft | 57 ft | 69 ft | 92 ft | 115 ft | 138 ft | 161 ft | 184 ft | 207 ft |     |
| 55  | 87.5  |       |       |        |        |        |        |        |       |       |       |        |        |        |        |        | 55  |
| 60  | 81    | 80.5  |       |        |        |        |        |        |       |       |       |        |        |        |        |        | 60  |
| 65  | 73    | 75.5  |       |        |        |        |        |        |       |       |       |        |        |        |        |        | 65  |
| 70  | 57.5  | 68.5  |       |        |        |        |        |        | 59    |       |       |        |        |        |        |        | 70  |
| 75  |       | 60    | 61.5  |        |        |        |        |        | 55.6  | 55.2  |       |        |        |        |        |        | 75  |
| 80  |       |       | 57.4  | 48.3   |        |        |        |        | 53    | 52    |       |        |        |        |        |        | 80  |
| 85  |       |       | 51.7  | 48.3   |        |        |        |        | 51.7  | 49.3  |       |        |        |        |        |        | 85  |
| 90  |       |       | 46.3  | 47.5   |        |        |        |        |       | 47.1  | 45.9  |        |        |        |        |        | 90  |
| 95  |       |       | 41.1  | 45.2   | 37.5   |        |        |        |       |       | 43.6  |        |        |        |        |        | 95  |
| 100 |       |       | 35.5  | 41.9   | 37.2   |        |        |        |       |       | 41.5  | 39.4   |        |        |        |        | 100 |
| 105 |       |       |       | 38.4   | 36.4   | 29.5   |        |        |       |       | 39.7  | 38.4   | 30.8   |        |        |        | 105 |
| 110 |       |       |       | 35     | 35.8   | 29.5   |        |        |       |       | 38.3  | 36.7   | 30.8   |        |        |        | 110 |
| 115 |       |       |       | 31.6   | 34.4   | 29.1   |        |        |       |       | 34.3  | 35.1   | 30.4   |        |        |        | 115 |
| 120 |       |       |       | 28.1   | 32.4   | 28.5   | 23.7   |        |       |       |       | 33.7   | 29.8   | 24     |        |        | 120 |
| 125 |       |       |       |        | 30.1   | 28.1   | 23.4   |        |       |       |       | 32.3   | 29.2   | 24     |        |        | 125 |
| 130 |       |       |       |        | 27.7   | 27.7   | 23.1   |        |       |       |       | 31     | 28.6   | 23.5   |        |        | 130 |
| 135 |       |       |       |        | 25.3   | 26.6   | 22.7   | 17.7   |       |       |       | 27.9   | 28     | 23.1   | 19.1   |        | 135 |
| 140 |       |       |       |        | 23     | 25.1   | 22.4   | 17.4   |       |       |       |        | 27.2   | 22.8   | 18.9   |        | 140 |
| 145 |       |       |       |        | 20.5   | 23.4   | 22.1   | 17.1   |       |       |       |        | 26.1   | 22.5   | 18.6   | 14.3   | 145 |
| 150 |       |       |       |        | 17.3   | 21.7   | 21.8   | 16.9   |       |       |       |        | 25     | 22.1   | 18.3   | 14.3   | 150 |
| 155 |       |       |       |        |        | 20     | 20.9   | 16.7   |       |       |       |        | 23     | 21.8   | 18     | 14.1   | 155 |
| 160 |       |       |       |        |        | 18.3   | 19.7   | 16.5   |       |       |       |        | 20.4   | 21.4   | 17.7   | 13.8   | 160 |
| 165 |       |       |       |        |        | 16.6   | 18.5   | 16.4   |       |       |       |        |        | 21     | 17.4   | 13.6   | 165 |
| 170 |       |       |       |        |        | 14.6   | 17.1   | 16.2   |       |       |       |        |        | 20.1   | 17.1   | 13.3   | 170 |
| 175 |       |       |       |        |        |        | 15.9   | 16     |       |       |       |        |        | 18.6   | 16.7   | 13     | 175 |
| 180 |       |       |       |        |        |        | 14.7   | 15.7   |       |       |       |        |        | 16.7   | 16.4   | 12.7   | 180 |
| 185 |       |       |       |        |        |        | 13.3   | 15.2   |       |       |       |        |        |        | 16.1   | 12.5   | 185 |
| 190 |       |       |       |        |        |        | 12     | 14.2   |       |       |       |        |        |        | 15.8   | 12.2   | 190 |
| 195 |       |       |       |        |        |        | 10.5   | 13.2   |       |       |       |        |        |        | 15.4   | 11.9   | 195 |
| 200 |       |       |       |        |        |        |        | 12.2   |       |       |       |        |        |        | 14.4   | 11.7   | 200 |
| 205 |       |       |       |        |        |        |        | 11.1   |       |       |       |        |        |        | 12.9   | 11.4   | 205 |
| 210 |       |       |       |        |        |        |        | 9.9    |       |       |       |        |        |        |        | 11.1   | 210 |
| 215 |       |       |       |        |        |        |        | 8.6    |       |       |       |        |        |        |        | 10.8   | 215 |
| 220 |       |       |       |        |        |        |        | 7.2    |       |       |       |        |        |        |        | 10.6   | 220 |
| 225 |       |       |       |        |        |        |        |        |       |       |       |        |        |        |        | 10     | 225 |
| 230 |       |       |       |        |        |        |        |        |       |       |       |        |        |        |        | 9      | 230 |
| 235 |       |       |       |        |        |        |        |        |       |       |       |        |        |        |        | 7.6    | 235 |

TAB 98187.1



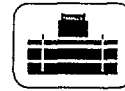
LTM 1225

68°  
117 ft – 168 ft

69 ft – 207 ft



360°



143 300 lbs

85%

|  | 117 ft |       |        |        |        |        |        | 151 ft |       |        |        |        |        |       | 168 ft |        |        |     |  |
|-----------------------------------------------------------------------------------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|--------|--------|--------|-----|-------------------------------------------------------------------------------------|
|                                                                                   | 69 ft  | 92 ft | 115 ft | 138 ft | 161 ft | 184 ft | 207 ft | 69 ft  | 92 ft | 115 ft | 138 ft | 161 ft | 184 ft | 69 ft | 92 ft  | 115 ft | 138 ft |     |                                                                                     |
| 90                                                                                | 38.8   |       |        |        |        |        |        |        |       |        |        |        |        |       |        |        |        | 90  |                                                                                     |
| 95                                                                                | 36.2   |       |        |        |        |        |        |        |       |        |        |        |        |       |        |        |        | 95  |                                                                                     |
| 100                                                                               | 33.6   | 33.2  |        |        |        |        |        |        |       |        |        |        |        |       |        |        |        | 100 |                                                                                     |
| 105                                                                               | 31     | 31.6  |        |        |        |        |        | 22     |       |        |        |        |        |       |        |        |        | 105 |                                                                                     |
| 110                                                                               | 28.5   | 30    |        |        |        |        |        | 20.8   |       |        |        |        |        |       |        |        |        | 110 |                                                                                     |
| 115                                                                               |        | 28.4  | 27.1   |        |        |        |        | 19.6   |       |        |        |        |        | 15    |        |        |        | 115 |                                                                                     |
| 120                                                                               |        | 26.9  | 26.5   |        |        |        |        | 18.4   | 17.2  |        |        |        |        | 14.2  |        |        |        | 120 |                                                                                     |
| 125                                                                               |        | 25.3  | 24.8   | 22.3   |        |        |        |        | 16.3  |        |        |        |        | 13.5  | 11.4   |        |        | 125 |                                                                                     |
| 130                                                                               |        | 23.7  | 23.3   | 22.3   |        |        |        |        | 15.4  |        |        |        |        | 12.7  | 10.9   |        |        | 130 |                                                                                     |
| 135                                                                               |        |       | 21.9   | 21.8   |        |        |        |        | 14.6  | 13.2   |        |        |        |       | 10.4   |        |        | 135 |                                                                                     |
| 140                                                                               |        |       | 20.6   | 21.2   | 17.7   |        |        |        | 13.9  | 12.5   |        |        |        |       | 10     | 7.6    |        | 140 |                                                                                     |
| 145                                                                               |        |       | 19.5   | 20.4   | 17.4   |        |        |        | 13.1  | 11.8   | 10.2   |        |        |       | 9.5    | 7.3    |        | 145 |                                                                                     |
| 150                                                                               |        |       | 18.6   | 19.5   | 17.1   |        |        |        | 12.5  | 11.1   | 9.3    |        |        |       | 9      | 7      |        | 150 |                                                                                     |
| 155                                                                               |        |       | 17.9   | 18.6   | 16.8   | 13.4   |        |        |       | 10.6   | 8.6    | 7.4    |        |       | 8.5    | 6.7    | 5.4    | 155 |                                                                                     |
| 160                                                                               |        |       |        | 17.7   | 16.2   | 12.9   |        |        |       | 10     | 7.9    | 7.2    |        |       |        | 6.4    | 5.2    | 160 |                                                                                     |
| 165                                                                               |        |       |        | 16.9   | 15.4   | 12.4   | 10.1   |        |       | 9.6    | 7.2    | 6.8    | 5.5    |       |        | 6.1    | 5      | 165 |                                                                                     |
| 170                                                                               |        |       |        | 16     | 14.6   | 11.9   | 9.9    |        |       | 9.2    | 6.6    | 6.4    | 5.5    |       |        | 5.8    | 4.8    | 170 |                                                                                     |
| 175                                                                               |        |       |        | 15.1   | 13.8   | 11.5   | 9.6    |        |       |        | 6.2    | 6.1    | 5.2    |       |        | 5.5    | 4.5    | 175 |                                                                                     |
| 180                                                                               |        |       |        |        | 13.1   | 11     | 9.4    |        |       |        | 5.8    | 5.8    | 4.8    |       |        |        | 4.3    | 180 |                                                                                     |
| 185                                                                               |        |       |        |        | 12.5   | 10.6   | 9.1    |        |       |        | 5.5    | 5.5    | 4.5    |       |        |        | 4.1    | 185 |                                                                                     |
| 190                                                                               |        |       |        |        | 12     | 10.2   | 8.9    |        |       |        | 5.3    | 5.2    | 4.1    |       |        |        | 3.9    | 190 |                                                                                     |
| 195                                                                               |        |       |        |        | 11.6   | 9.8    | 8.6    |        |       |        | 5.2    | 4.9    | 3.8    |       |        |        | 3.7    | 195 |                                                                                     |
| 200                                                                               |        |       |        |        | 11.3   | 9.4    | 8.3    |        |       |        |        | 4.7    | 3.5    |       |        |        | 3.4    | 200 |                                                                                     |
| 205                                                                               |        |       |        |        |        | 9      | 8      |        |       |        |        | 4.5    | 3.2    |       |        |        |        | 205 |                                                                                     |
| 210                                                                               |        |       |        |        |        | 8.7    | 7.7    |        |       |        |        | 4.4    | 2.9    |       |        |        |        | 210 |                                                                                     |
| 215                                                                               |        |       |        |        |        | 8.4    | 7.4    |        |       |        |        | 4.3    | 2.7    |       |        |        |        | 215 |                                                                                     |
| 220                                                                               |        |       |        |        |        | 8.2    | 7.1    |        |       |        |        |        | 2.4    |       |        |        |        | 220 |                                                                                     |
| 225                                                                               |        |       |        |        |        |        | 6.9    |        |       |        |        |        |        |       |        |        |        | 225 |                                                                                     |
| 230                                                                               |        |       |        |        |        |        | 6.6    |        |       |        |        |        |        |       |        |        |        | 230 |                                                                                     |
| 235                                                                               |        |       |        |        |        |        | 6.3    |        |       |        |        |        |        |       |        |        |        | 235 |                                                                                     |
| 240                                                                               |        |       |        |        |        |        | 6      |        |       |        |        |        |        |       |        |        |        | 240 |                                                                                     |
| 245                                                                               |        |       |        |        |        |        | 5.7    |        |       |        |        |        |        |       |        |        |        | 245 |                                                                                     |

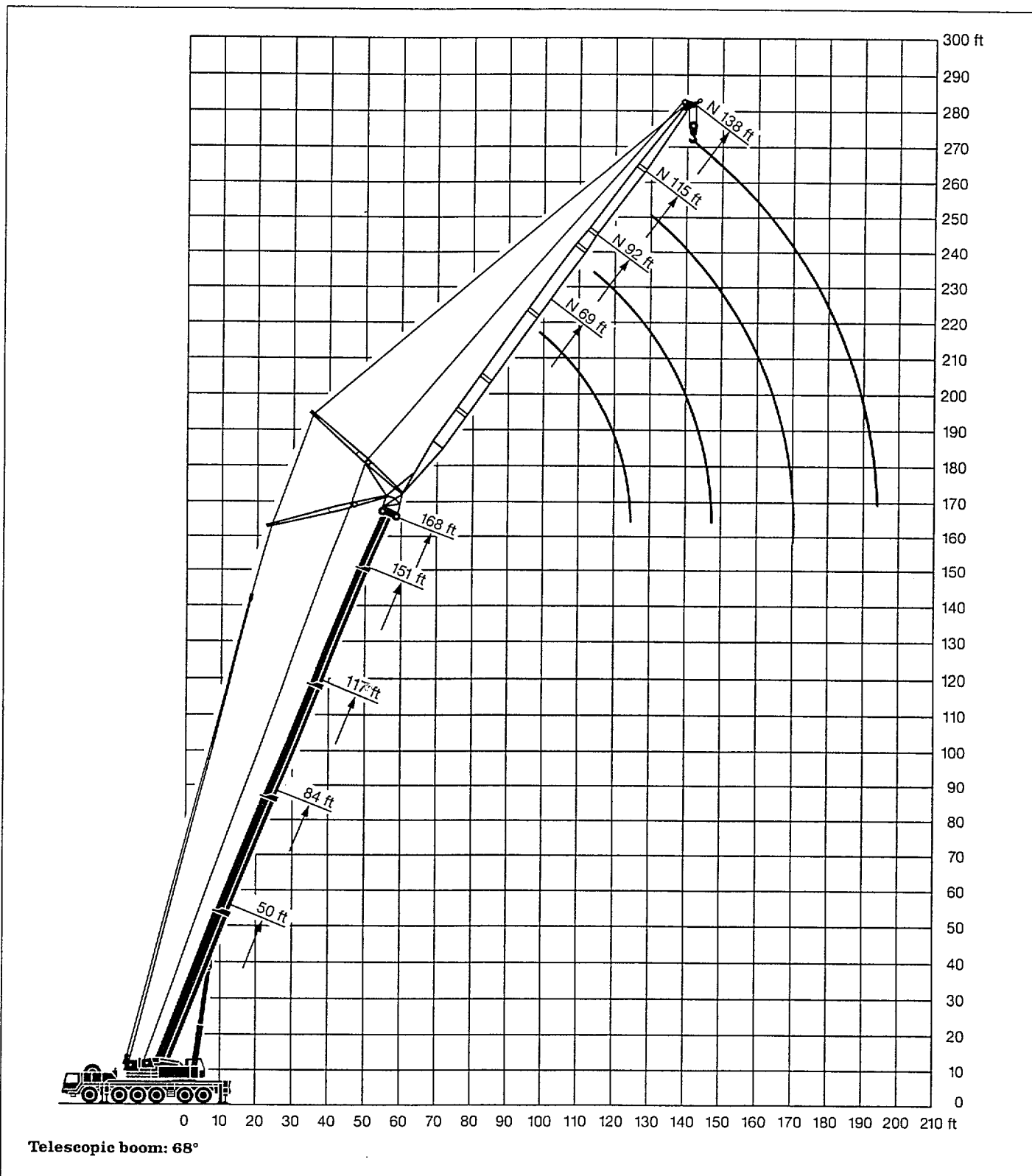
TAB 98187.2/3



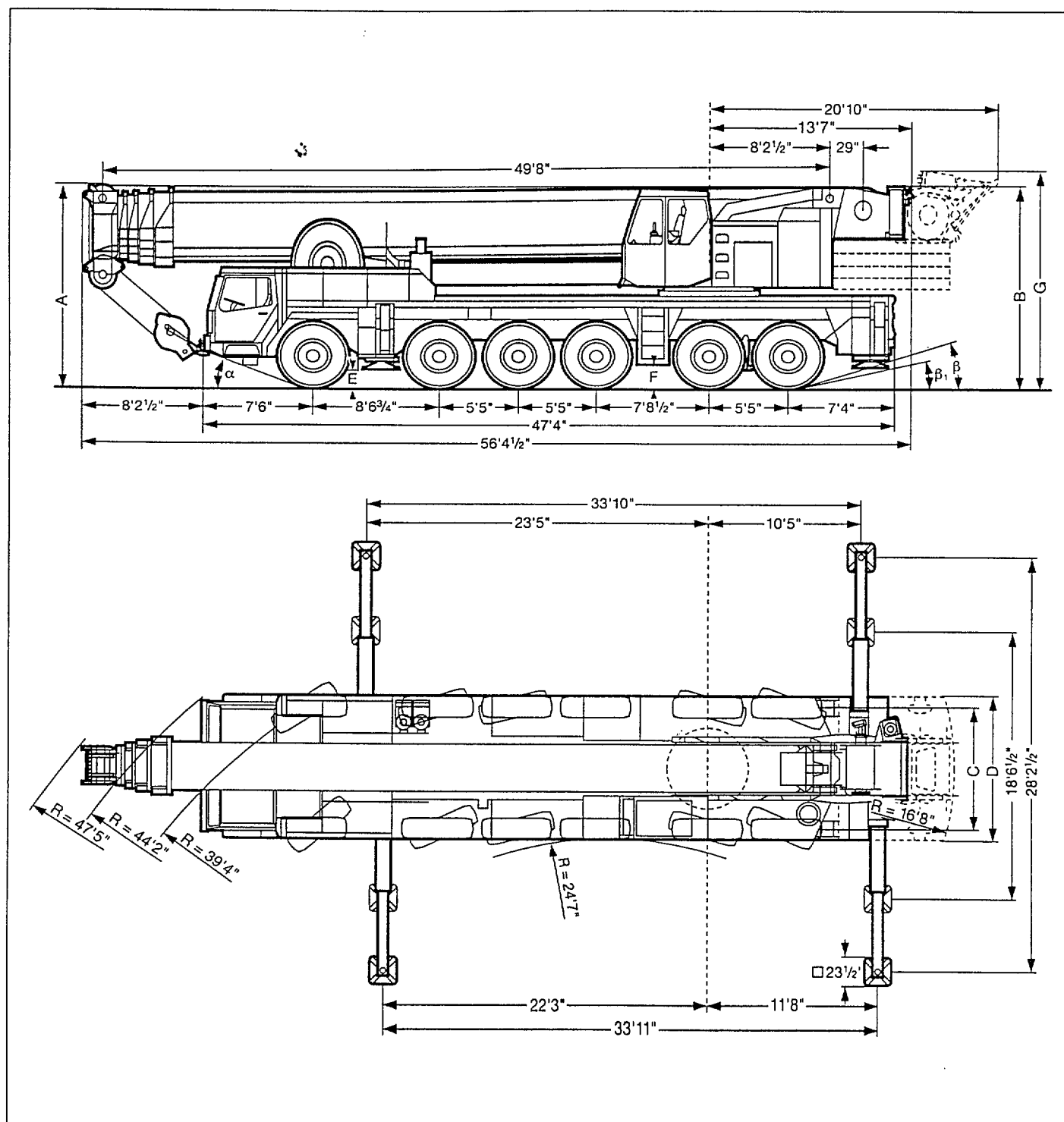
LTM 1225

## Lifting heights.

Luffing lattice jib.



## Dimensions.



|  | A    | A<br>6" | B      | C     | Dimensions |      |      | $\alpha$ | $\beta$ | $\beta_1$ |
|-------------------------------------------------------------------------------------|------|---------|--------|-------|------------|------|------|----------|---------|-----------|
|                                                                                     |      |         |        |       | D          | E    | F    |          |         |           |
| 16.00 R 25                                                                          | 13½" | 12'7½"  | 13'1¼" | 8'4¾" | 9'10"      | 14¾" | 18½" | 22°      | 18°     | 14°       |

\* lowered



## Weights.

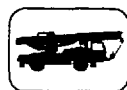


| Axle | 1      | 2      | 3      | 4      | 5      | 6      | Total weight |
|------|--------|--------|--------|--------|--------|--------|--------------|
| lbs  | 26 500 | 26 500 | 26 500 | 26 500 | 26 500 | 26 500 | 159 000      |



| Load (kips) <sup>1)</sup> | No. of sheaves | No. of lines | Weight lbs |
|---------------------------|----------------|--------------|------------|
| 495                       | 12             | 24           | 5950       |
| 370                       | 9              | 17           | 5290       |
| 300                       | 7              | 15           | 3240       |
| 220                       | 5              | 10           | 2755       |
| 150                       | 3              | 7            | 2095       |
| 66                        | 1              | 3            | 1675       |
| 22                        | —              | 1            | 860        |

## Working speeds.



|      | 1          | 2    | 3    | 4    | 5    | R   |      |
|------|------------|------|------|------|------|-----|------|
| km/h | 9.3        | 14.9 | 23   | 34.1 | 47.2 | 8.7 | —    |
| km/h | 5          | 8.7  | 13.7 | 19.9 | 27.3 | 4.7 | 40 % |
|      | 16.00 R 25 |      |      |      |      |     |      |



| Drive | infinitely variable                                        | Rope diameter / Rope length             | Max. single line pull |
|-------|------------------------------------------------------------|-----------------------------------------|-----------------------|
|       | 0 – 460 ft/min single line                                 | <sup>11</sup> / <sub>16</sub> " / 1312' | 11 220 lbs            |
|       | 0 – 460 ft/min single line                                 | <sup>11</sup> / <sub>16</sub> " / 1148' | 11 220 lbs            |
|       | 0 – 1.6 rpm                                                |                                         |                       |
|       | approx. 70 seconds to reach 83° boom angle                 |                                         |                       |
|       | approx. 450 seconds for boom extension from 50 ft – 197 ft |                                         |                       |



## Crane carrier.

|                           |                                                                                                                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Frame:</b>             | Liebherr designed and manufactured, box type, torsion resistant, all-welded construction made of high-tensile structural steel.                                                                            |
| <b>Outriggers:</b>        | 4 sliding beams with hydraulic extension cylinders and hydraulic support pad jacks. Front outriggers mounted between axles 1 and 2, rear outriggers at rear of truck chassis.                              |
| <b>Engine:</b>            | Diesel, 8 cylinder, watercooled, make Liebherr, type D 9408 TI-E, output 400 kW DIN (544 HP) at 2100 rpm, max. torque 1643 lbs-ft at 1200 rpm.<br>Fuel tank capacity: 132 gallons.                         |
| <b>Transmission:</b>      | Allison, type CLBT 755, automatic transmission with torque converter and hydro-dynamic retarder brake. 5 forward speeds, 1 reverse. Transfer case with differential and off-road range.                    |
| <b>Axles:</b>             | Heavy duty crane truck axles, all 6 axles sprung. Axles 1 to 3, 5 and 6 steered. Axles 1, 5 and 6 are planetary axles, intermediate differential at axle 5, all driven axles with transverse differential. |
| <b>Cardan shafts:</b>     | All cardan shafts with 70° diagonal toothing.                                                                                                                                                              |
| <b>Suspension:</b>        | All axles with hydropneumatic suspension and automatic levelling. Load equalization between axle pairs 1 + 2, 3 + 4 and 5 + 6. Axles can be locked hydraulically.                                          |
| <b>Tyres:</b>             | 12 tyres, all axles with single tyres. Tyre size: 16.00 R 25.                                                                                                                                              |
| <b>Steering:</b>          | ZF semi-integral power steering, dual circuit system, with hydraulic servo system and auxiliary pump circuit.                                                                                              |
| <b>Brakes:</b>            | Service brake: Servo-air brakes acting on all wheels, dual circuit system.<br>Hand brake: Spring loaded, acting on all wheels of axles 2 to 6.                                                             |
| <b>Operator's cab:</b>    | Spacious cab of galvanized sheet steel on resilient mountings, safety glass windows, standardized controls and instruments.                                                                                |
| <b>Electrical system:</b> | 24 V DC, 2 batteries, lighting according to countries' regulations.                                                                                                                                        |

## Crane superstructure.

|                                    |                                                                                                                                                                                                                         |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Frame:</b>                      | Liebherr-made torsion resistant, welded construction of high-tensile steel. Linked to crane carrier by a triple roller slewing ring for 360° continuous rotation.                                                       |
| <b>Crane engine:</b>               | Diesel, 6 cylinder, watercooled, make Liebherr, type D 926 T-E, output 170 kW DIN (231 HP) at 1800 rpm, max. torque 751 lbs-ft at 1200 rpm.<br>Fuel tank capacity: 66 gallons.                                          |
| <b>Crane drive:</b>                | Diesel-hydraulic, with 3 axial piston swivelling pumps with servo control and automatic output regulation.                                                                                                              |
| <b>Crane control:</b>              | By 2 self-centering control levers (joy-sticks).                                                                                                                                                                        |
| <b>Hoist gear:</b>                 | Axial piston variable displacement motor. Hoist drum with integrated planetary gear and spring-loaded static brake.                                                                                                     |
| <b>Luffing gear:</b>               | 1 differential hydraulic ram with nonreturn valve.                                                                                                                                                                      |
| <b>Slewing gear:</b>               | Hydraulic motor, planetary gear, slewing pinion and spring loaded brake.                                                                                                                                                |
| <b>Crane cab:</b>                  | Galvanized all-steel construction, safety glazing, operator's seat with comfortable armrest integrated control elements, standardized controls and instruments.                                                         |
| <b>Safety devices:</b>             | LICCON safe load indicator, hoist limit switch, safety valves against rupture of pipes and hoses.                                                                                                                       |
| <b>Telescopic boom:</b>            | 1 base section and 4 telescopic sections. Individual hydraulic extension of all sections. Telescoping ram with boom section interlocking device and display of the extended conditions.<br>Boom length: 50 ft – 197 ft. |
| <b>Central lubricating system:</b> | Roller bearing slewing race, boom bearing, luffing ram bearings and winch bearings are lubricated automatically.                                                                                                        |
| <b>Electrical system:</b>          | 24 V DC, 2 batteries.                                                                                                                                                                                                   |

## Complementary equipment.

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| <b>Lattice jibs:</b>   | Fly jib 46 ft – 138 ft, luffing jib 69 ft – 207 ft. |
| <b>2nd hoist gear:</b> | For 2-hook operation or luffing of lattice jib.     |
| <b>Drive 12 x 8:</b>   | Axle 2 additionally driven.                         |

Further equipment available on request.