

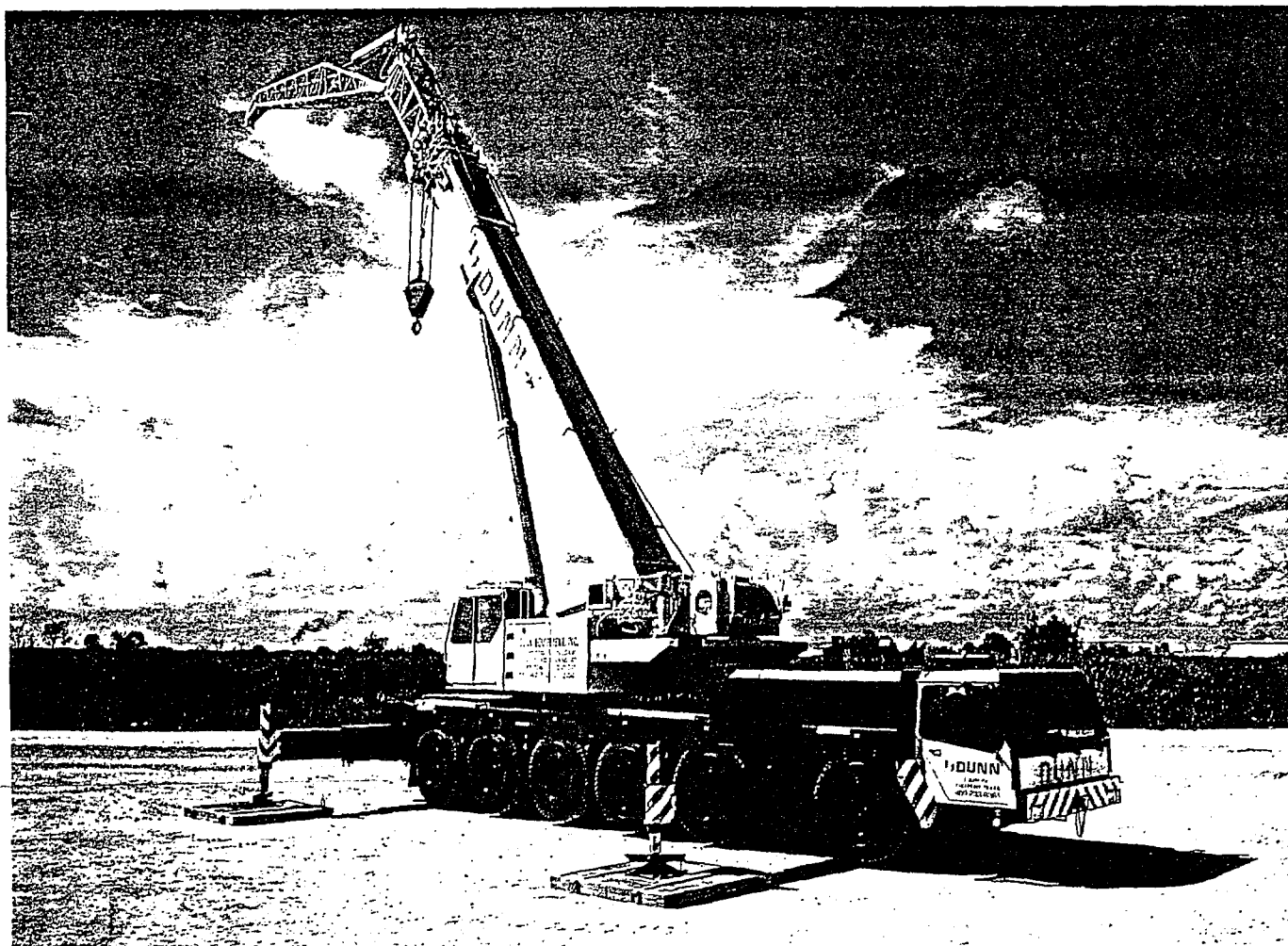
# DUNN EQUIPMENT, INC.

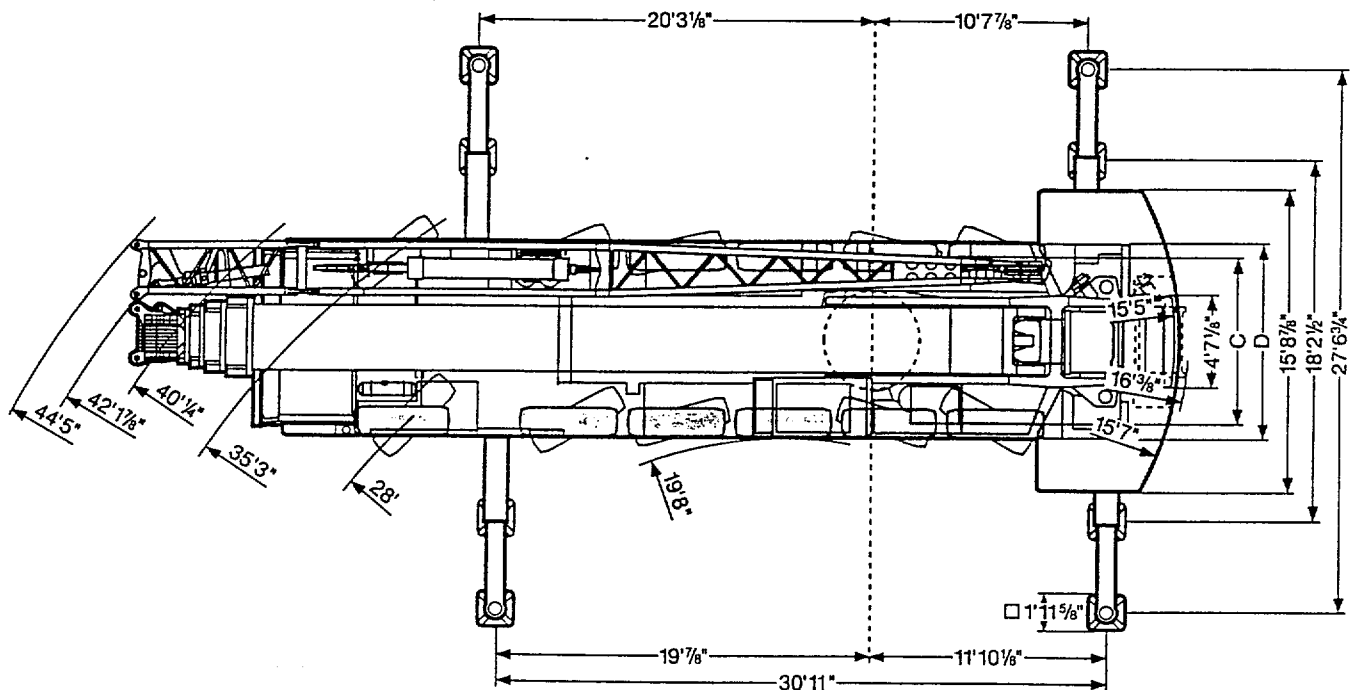
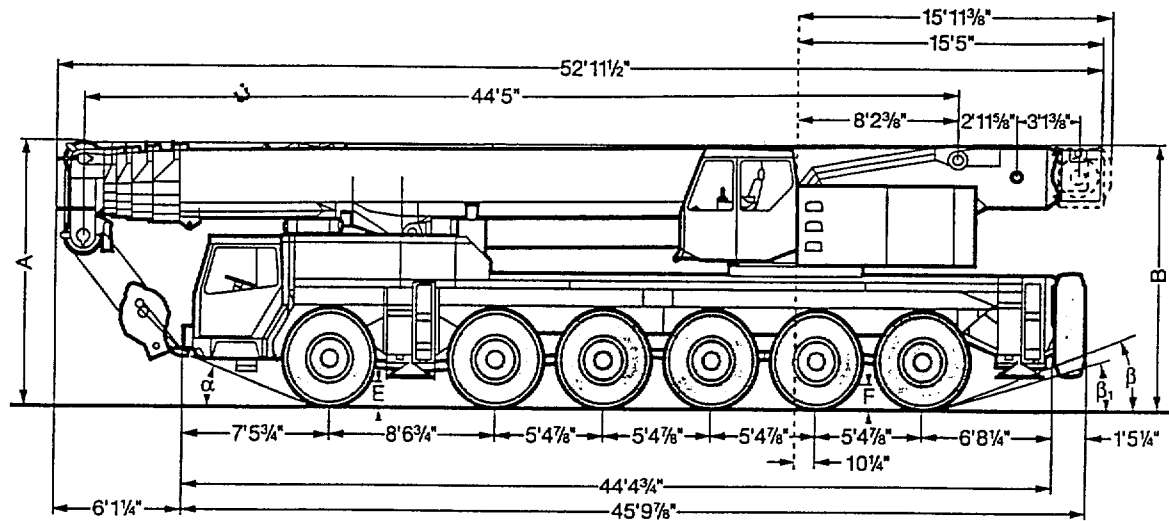
ESTABLISHED 1934

RENTALS · SALES · SERVICE

Telescopic Truck Crane

**LTM 1160/1**





|           | Dimensions  |              |             |           |        |          |          |     |       |                |
|-----------|-------------|--------------|-------------|-----------|--------|----------|----------|-----|-------|----------------|
|           | A           | A<br>5 1/4\" | B           | C         | D      | E        | F        | α   | β     | β <sub>1</sub> |
| 20.5 R 25 | 12'11 1/2\" | 12'5 3/4\"   | 12'10 1/2\" | 8'7 3/4\" | 10'5\" | 14 1/4\" | 18 1/2\" | 21° | 19.5° | 15°            |

\* lowered

# Weights.

<https://truckmanualshub.com/>

LTM 1160/1



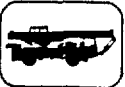
| Axle | 1     | 2     | 3     | 4     | 5     | 6     | Total weight |
|------|-------|-------|-------|-------|-------|-------|--------------|
| lbs  | 28500 | 28500 | 28500 | 28500 | 28500 | 28500 | 159000*      |

\* with 6600 lbs counterweight and folding jib



| Load (kips) | No. of sheaves | No. of lines | Weight lbs |
|-------------|----------------|--------------|------------|
| 331         | 9              | 17           | 5291       |
| 302         | 7              | 15           | 3241       |
| 221         | 5              | 10           | 2756       |
| 150         | 3              | 7            | 1984       |
| 66          | 1              | 3            | 1676       |
| 22          | -              | 1            | 860        |

## Working speeds.



|     | 1         | 2    | 3    | 4    | 5    | R   |     |
|-----|-----------|------|------|------|------|-----|-----|
| mph | 9.6       | 15.4 | 23.7 | 35.2 | 48.7 | 9   | -   |
| mph | 5.1       | 9    | 14   | 20.5 | 28.2 | 4.8 | 40% |
|     | 20.5 R 25 |      |      |      |      |     |     |



| Drive | infinitely variable                                                                       | Rope diameter / Rope length | Max. single line pull |
|-------|-------------------------------------------------------------------------------------------|-----------------------------|-----------------------|
|       | 0 - 427 ft/min single line                                                                | 1 1/8" / 984'3"             | 22 295 lbs            |
|       | 0 - 394 ft/min single line                                                                | 1 1/8" / 656'2"             | 22 295 lbs            |
|       | 0 - 1.6 rpm                                                                               |                             |                       |
|       | approx. 70 seconds to reach 83° boom angle                                                |                             |                       |
|       | approx. 120 seconds (300 seconds) for boom extension from 44 ft - 102 ft (44 ft - 171 ft) |                             |                       |

# Lifting capacities at telescopic boom.

<https://truckmanualshub.com/>

LTM 1160/1



44 ft - 171 ft



360°



101 500 lbs

85%

| ft  | 44 ft | 59 ft | 73 ft | 88 ft | 102 ft | 117 ft | 132 ft | 146 ft | 160 ft | 171 ft | ft  |
|-----|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-----|
| 10  | 381   | 346   |       |       |        |        |        |        |        |        | 10  |
| 11  | 349   | 328   |       |       |        |        |        |        |        |        | 11  |
| 12  | 325   | 311   | 295   |       |        |        |        |        |        |        | 12  |
| 13  | 307   | 294   | 280   |       |        |        |        |        |        |        | 13  |
| 14  | 291   | 280   | 268   | 238   | 194    | 158    |        |        |        |        | 14  |
| 15  | 276   | 267   | 257   | 233   | 194    | 158    | 168    |        |        |        | 15  |
| 16  | 263   | 255   | 250   | 226   | 184    | 158    | 167    |        |        |        | 16  |
| 17  | 250   | 243   | 241   | 221   | 182    | 156    | 164    | 136    |        |        | 17  |
| 18  | 237   | 232   | 230   | 216   | 190    | 152    | 160    | 134    |        |        | 18  |
| 20  |       | 211   | 210   | 204   | 184    | 145    | 152    | 130    | 108    | 77.5   | 20  |
| 22  |       | 192   | 190   | 188   | 175    | 138    | 146    | 125    | 105    | 77.5   | 22  |
| 24  |       | 175   | 174   | 173   | 167    | 131    | 141    | 120    | 102    | 77.5   | 24  |
| 26  |       | 160   | 159   | 158   | 159    | 124    | 134    | 115    | 99     | 77.5   | 26  |
| 28  |       | 149   | 147   | 146   | 147    | 118    | 129    | 110    | 95.5   | 75     | 28  |
| 30  |       | 138   | 136   | 135   | 136    | 113    | 123    | 106    | 91.5   | 72.5   | 30  |
| 32  |       | 128   | 127   | 126   | 127    | 108    | 118    | 101    | 88     | 70     | 32  |
| 34  |       |       | 118   | 117   | 119    | 104    | 112    | 97.5   | 85     | 67.5   | 34  |
| 36  |       |       | 111   | 110   | 111    | 99.5   | 106    | 94     | 82     | 65     | 36  |
| 38  |       |       | 103   | 102   | 103    | 95.5   | 100    | 90     | 79     | 63     | 38  |
| 40  |       |       | 96    | 95    | 96.5   | 92     | 94.5   | 86.5   | 78     | 61     | 40  |
| 45  |       |       | 83    | 81.5  | 82.5   | 84     | 80.5   | 79     | 70     | 58     | 45  |
| 50  |       |       |       | 71    | 71.5   | 75.5   | 69.5   | 69.5   | 64.5   | 51.7   | 50  |
| 55  |       |       |       | 62    | 62     | 67     | 60.5   | 60.5   | 59.1   | 47.8   | 55  |
| 60  |       |       |       |       | 54.2   | 59.3   | 53.1   | 53.4   | 53.4   | 44.3   | 60  |
| 65  |       |       |       |       | 47.8   | 52.2   | 47     | 47.5   | 47.5   | 41.2   | 65  |
| 70  |       |       |       |       | 41.9   | 46.4   | 42     | 42.5   | 42.7   | 38.4   | 70  |
| 75  |       |       |       |       | 34     | 38.3   | 37.4   | 38.2   | 38.4   | 36     | 75  |
| 80  |       |       |       |       |        |        | 33.2   | 34.4   | 34.7   | 33.7   | 80  |
| 85  |       |       |       |       |        |        | 29.6   | 31     | 31.4   | 31.7   | 85  |
| 90  |       |       |       |       |        |        | 27.8   | 27.8   | 28.6   | 29.9   | 90  |
| 95  |       |       |       |       |        |        |        | 24.8   | 26     | 26.3   | 95  |
| 100 |       |       |       |       |        |        |        | 22.2   | 23.4   | 26.9   | 100 |
| 105 |       |       |       |       |        |        |        | 21.1   | 25.6   | 22.8   | 105 |
| 110 |       |       |       |       |        |        |        | 19     | 24     | 20.7   | 110 |
| 115 |       |       |       |       |        |        |        | 17.1   | 22.3   | 18.7   | 115 |
| 120 |       |       |       |       |        |        |        |        |        | 17     | 120 |
| 125 |       |       |       |       |        |        |        |        |        | 15.4   | 125 |
| 130 |       |       |       |       |        |        |        |        |        | 14     | 130 |
| 135 |       |       |       |       |        |        |        |        |        |        | 135 |
| 140 |       |       |       |       |        |        |        |        |        | 12.8   | 140 |
| 145 |       |       |       |       |        |        |        |        |        |        | 145 |
| 150 |       |       |       |       |        |        |        |        |        |        | 150 |
| 155 |       |       |       |       |        |        |        |        |        |        | 155 |
| I   | 0     | 46    | 92    | 92    | 0      | 92/0   | 92     | 92     | 0      | 92     | I   |
| II  | 0     | 0     | 0     | 46    | 92     | 92/0   | 92     | 92     | 92     | 92     | II  |
| III | 0     | 0     | 0     | 0     | 46     | 0/92   | 46     | 92     | 92     | 92     | III |
| IV  | 0     | 0     | 0     | 0     | 0      | 0/92   | 0      | 0      | 92     | 46     | IV  |

" over rear

TAB 89044 / 89045

## Remarks referring to load charts.

- The tabulated lifting capacities do not exceed 85 % of the tipping load.
- 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.
- The 85 % overturning limit values take into account wind force 5 = wind speed 20 mph.
- Lifting capacities are given in kips.
- The weight of the hook blocks and hooks must be deducted from the lifting capacities.
- Working radii are measured from the slewing centreline.
- The lifting capacities given for the telescopic boom only apply if the folding jib is taken off.
- Lifting capacities are subject to modifications.
- Lifting capacities above 309 kips only with additional pulley block and special equipment.

# Lifting capacities are given



44 ft - 171 ft



360°



78 300 lbs



| ft  | 44 ft |     | 59 ft | 73 ft |      | 88 ft |      | 102 ft |      | 117 ft | 132 ft |      | 146 ft | 160 ft | 171 ft | ft  |
|-----|-------|-----|-------|-------|------|-------|------|--------|------|--------|--------|------|--------|--------|--------|-----|
| 10  | 312   | 282 |       |       |      |       |      |        |      |        |        |      |        |        |        | 10  |
| 11  | 295   | 282 |       |       |      |       |      |        |      |        |        |      |        |        |        | 11  |
| 12  | 279   | 276 | 268   |       |      |       |      |        |      |        |        |      |        |        |        | 12  |
| 13  |       | 264 | 254   |       |      |       |      |        |      |        |        |      |        |        |        | 13  |
| 14  |       | 251 | 243   | 216   | 89.5 | 176   | 143  |        |      |        |        |      |        |        |        | 14  |
| 15  |       | 239 | 233   | 211   | 86   | 176   | 143  | 153    | 88   |        |        |      |        |        |        | 15  |
| 16  |       | 228 | 225   | 206   | 82.5 | 176   | 143  | 152    | 88   |        |        |      |        |        |        | 16  |
| 17  |       | 217 | 215   | 200   | 79.5 | 175   | 141  | 149    | 88   | 124    |        |      |        |        |        | 17  |
| 18  |       | 206 | 204   | 194   | 76.5 | 172   | 138  | 145    | 87   | 122    |        |      |        |        |        | 18  |
| 20  |       | 184 | 182   | 181   | 71.5 | 167   | 132  | 138    | 85   | 119    | 98     | 70.5 |        |        |        | 20  |
| 22  |       | 167 | 165   | 165   | 67   | 159   | 125  | 133    | 81   | 114    | 95.5   | 70.5 |        |        |        | 22  |
| 24  |       | 152 | 151   | 150   | 62.5 | 149   | 119  | 128    | 77   | 109    | 92.5   | 70.5 | 77     |        |        | 24  |
| 26  |       | 139 | 138   | 137   | 59   | 138   | 113  | 122    | 73.5 | 105    | 90     | 70.5 | 76     |        |        | 26  |
| 28  |       | 128 | 127   | 126   | 55.8 | 127   | 108  | 117    | 70   | 100    | 86.5   | 68   | 74.5   | 59.9   |        | 28  |
| 30  |       | 118 | 117   | 116   | 52.8 | 117   | 103  | 111    | 67   | 96     | 83.5   | 65.5 | 73     | 59.6   | 50.7   | 30  |
| 32  |       | 110 | 108   | 107   | 50.2 | 108   | 98   | 104    | 64   | 92     | 80     | 63.5 | 71     | 58.6   | 50.7   | 32  |
| 34  |       |     | 100   | 98.5  | 47.8 | 101   | 94   | 96.5   | 61.5 | 88     | 77.5   | 61.5 | 69.5   | 57.5   | 50.4   | 34  |
| 36  |       |     | 94    | 93    | 45.7 | 93.5  | 90.5 | 90     | 59.3 | 84.5   | 74.5   | 59.2 | 67.5   | 56.3   | 50     | 36  |
| 38  |       |     | 87.5  | 86.5  | 43.6 | 86    | 87   | 83     | 56.9 | 80.5   | 72     | 57.2 | 65.5   | 55.1   | 49.5   | 38  |
| 40  |       |     | 81    | 80    | 41.6 | 80    | 83   | 77     | 54.7 | 76     | 69.5   | 55.3 | 63.5   | 53.8   | 48.9   | 40  |
| 45  |       |     | 67    | 66    | 37.6 | 67    | 71   | 65.5   | 49.9 | 65     | 63.5   | 50.9 | 58.2   | 50.6   | 46.6   | 45  |
| 50  |       |     |       | 54.8  | 34.2 | 56.4  | 60.5 | 56.4   | 45.7 | 56.3   | 55.8   | 47   | 53.7   | 47.5   | 44.3   | 50  |
| 55  |       |     |       | 46.1  | 31.3 | 47.6  | 51.7 | 48.4   | 42.1 | 49     | 48.8   | 43.4 | 48.8   | 44.5   | 41.9   | 55  |
| 60  |       |     |       |       |      | 40.5  | 44.5 | 41.3   | 38.9 | 42.8   | 42.9   | 40.3 | 43.5   | 41.7   | 39.4   | 60  |
| 65  |       |     |       |       |      | 35    | 38.8 | 35.7   | 35.9 | 37.3   | 38     | 37.4 | 38.7   | 38.9   | 37     | 65  |
| 70  |       |     |       |       |      | 30.4  | 34.2 | 31.2   | 33.2 | 32.8   | 33.8   | 35   | 34.7   | 35.3   | 34.3   | 70  |
| 75  |       |     |       |       |      | 26.4  | 30.4 | 27.2   | 30.9 | 28.8   | 29.9   | 32.7 | 31.2   | 31.9   | 31.3   | 75  |
| 80  |       |     |       |       |      |       |      | 23.6   | 28.7 | 25.3   | 26.5   | 30.4 | 28     | 28.8   | 28.3   | 80  |
| 85  |       |     |       |       |      |       |      | 20.6   | 26.9 | 22.2   | 23.4   | 27.8 | 25     | 26.1   | 25.7   | 85  |
| 90  |       |     |       |       |      |       |      | 18     | 25.3 | 19.6   | 20.8   | 25.3 | 22.4   | 23.6   | 23.3   | 90  |
| 95  |       |     |       |       |      |       |      |        |      | 17.2   | 18.4   | 23   | 20     | 21.3   | 21     | 95  |
| 100 |       |     |       |       |      |       |      |        |      | 15.2   | 16.3   | 21   | 17.9   | 19.1   | 18.9   | 100 |
| 105 |       |     |       |       |      |       |      |        |      |        | 14.4   | 19.1 | 15.9   | 17.2   | 17     | 105 |
| 110 |       |     |       |       |      |       |      |        |      |        | 12.7   | 17.5 | 14.3   | 15.5   | 15.3   | 110 |
| 115 |       |     |       |       |      |       |      |        |      |        | 11.2   | 15.9 | 12.7   | 14     | 13.8   | 115 |
| 120 |       |     |       |       |      |       |      |        |      |        |        |      | 11.3   | 12.6   | 12.3   | 120 |
| 125 |       |     |       |       |      |       |      |        |      |        |        |      | 10     | 11.3   | 11.1   | 125 |
| 130 |       |     |       |       |      |       |      |        |      |        |        |      | 8.9    | 10.1   | 9.9    | 130 |
| 135 |       |     |       |       |      |       |      |        |      |        |        |      |        | 9      | 8.9    | 135 |
| 140 |       |     |       |       |      |       |      |        |      |        |        |      |        | 8      | 7.9    | 140 |
| 145 |       |     |       |       |      |       |      |        |      |        |        |      |        |        | 7.1    | 145 |
| 150 |       |     |       |       |      |       |      |        |      |        |        |      |        |        | 6.3    | 150 |
| 155 |       |     |       |       |      |       |      |        |      |        |        |      |        |        | 5.6    | 155 |
| I   | 0     | 46  | 92    | 0     | 92   | 0     | 92   | 0      | 92   | 92     | 0      | 92   | 92     | 92     | 100    | I   |
| II  | 0     | 0   | 0     | 0     | 46   | 92    | 92   | 0      | 92   | 92     | 92     | 92   | 92     | 92     | 100    | II  |
| III | 0     | 0   | 0     | 0     | 0    | 46    | 0    | 92     | 46   | 92     | 92     | 92   | 92     | 92     | 100    | III |
| IV  | 0     | 0   | 0     | 92    | 0    | 0     | 0    | 92     | 0    | 0      | 92     | 46   | 92     | 100    | 100    | IV  |

" over rear

TAB 89026



44 ft - 171 ft



360°



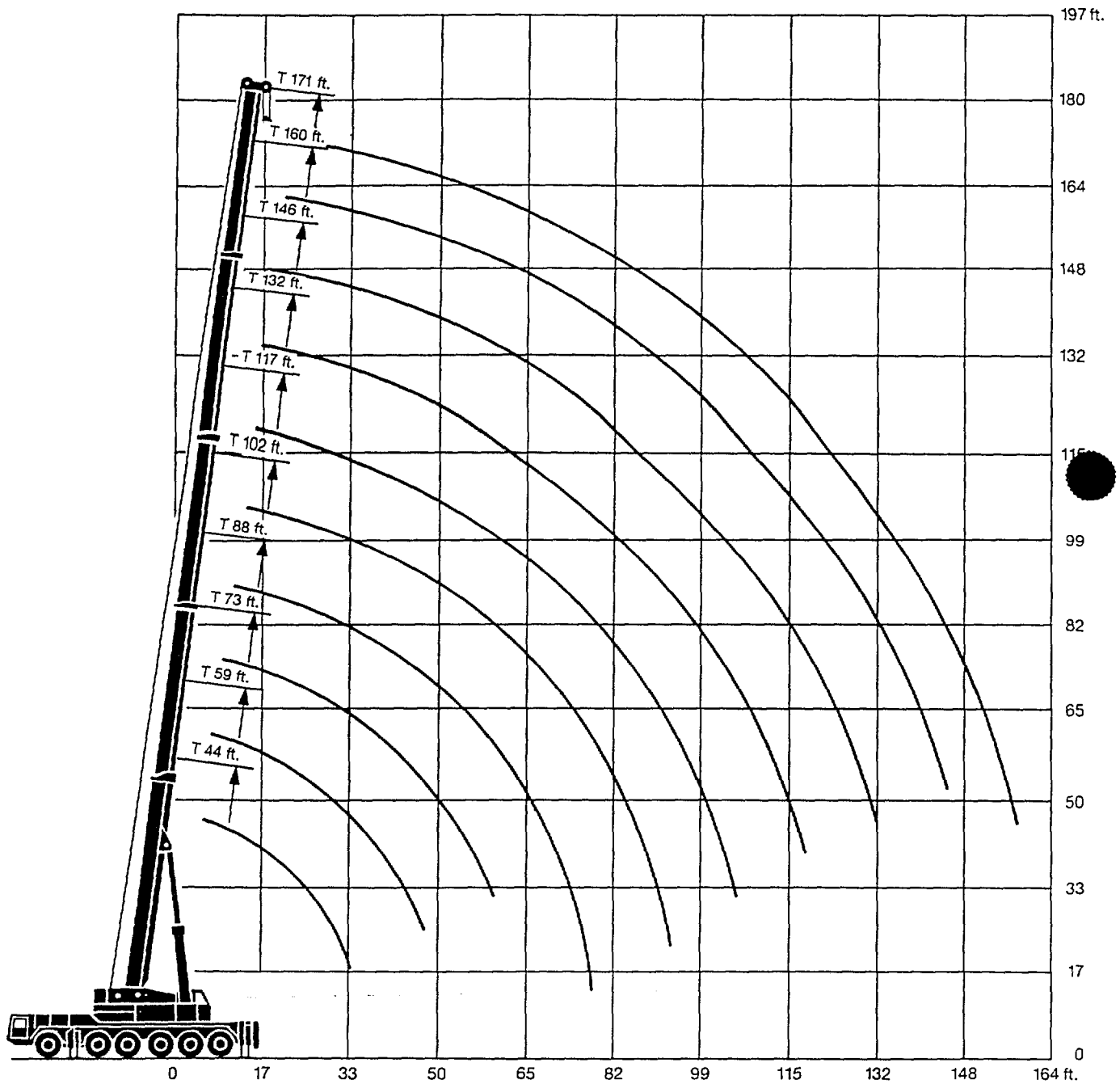
6600 lbs

85

| ft  | 44 ft | 59 ft | 73 ft | 88 ft | 102 ft | 117 ft | 132 ft | 146 ft | 160 ft | 171 ft | ft  |
|-----|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-----|
| 10  | 299"  | 281   |       |       |        |        |        |        |        |        | 10  |
| 11  | 282"  | 276   |       |       |        |        |        |        |        |        | 11  |
| 12  | 263   | 262   |       |       |        |        |        |        |        |        | 12  |
| 13  | 243   | 242   |       |       |        |        |        |        |        |        | 13  |
| 14  | 227   | 225   | 204   | 173   | 143    |        |        |        |        |        | 14  |
| 15  | 211   | 209   | 185   | 166   | 143    | 150    |        |        |        |        | 15  |
| 16  | 198   | 191   | 167   | 151   | 143    | 137    |        |        |        |        | 16  |
| 17  | 186   | 175   | 152   | 139   | 139    | 127    | 115    |        |        |        | 17  |
| 18  | 175   | 160   | 140   | 128   | 131    | 118    | 109    |        |        |        | 18  |
| 20  | 153   | 132   | 117   | 109   | 116    | 101    | 98     | 91     | 66     |        | 20  |
| 22  | 131   | 113   | 101   | 95    | 102    | 88     | 84.5   | 80     | 66     |        | 22  |
| 24  | 112   | 97.5  | 87    | 82.5  | 89.5   | 77     | 74     | 71     | 66     | 67.5   | 24  |
| 26  | 98    | 84.5  | 75    | 71    | 78.5   | 73.5   | 65     | 62.5   | 66     | 61     | 26  |
| 28  | 85    | 74    | 65.5  | 63    | 70     | 70     | 58.1   | 56.2   | 62.5   | 55.5   | 28  |
| 30  | 73.5  | 64.5  | 57.3  | 55.2  | 62     | 66.5   | 51.8   | 50.4   | 58.1   | 50     | 30  |
| 32  | 64    | 57.4  | 50.7  | 49.1  | 55.9   | 60.5   | 46.6   | 45.6   | 53.1   | 45.5   | 32  |
| 34  |       | 51.4  | 47.8  | 44.1  | 50.7   | 55.3   | 42.2   | 41.5   | 48.9   | 41.7   | 34  |
| 36  |       | 46.4  | 45.7  | 39.8  | 46.2   | 51     | 38.5   | 38     | 45.2   | 38.3   | 36  |
| 38  |       | 41.4  | 43.6  | 35.6  | 41.8   | 46.7   | 34.7   | 34.4   | 41.5   | 35     | 38  |
| 40  |       | 36.8  | 41.5  | 31.7  | 37.8   | 42.9   | 31.3   | 31.2   | 38.2   | 31.9   | 40  |
| 45  |       | 27.7  | 36.1  | 24.6  | 30.4   | 35.6   | 24.8   | 25.1   | 31.7   | 26     | 45  |
| 50  |       |       | 30    | 19.1  | 24.7   | 30     | 19.8   | 20.2   | 26.7   | 21.3   | 50  |
| 55  |       |       | 24.5  | 14.6  | 20.1   | 25.4   | 15.6   | 16.2   | 22.5   | 17.4   | 55  |
| 60  |       |       |       | 11    | 16.3   | 21.6   | 12.2   | 12.9   | 19     | 14.2   | 60  |
| 65  |       |       |       | 8     | 12.9   | 18.5   | 9.4    | 10.2   | 16.2   | 11.5   | 65  |
| 70  |       |       |       |       | 10.1   | 15.7   | 7      | 7.9    | 13.8   | 9.2    | 70  |
| 75  |       |       |       |       | 7.8    | 13.2   |        |        | 11.6   | 7.2    | 75  |
| 80  |       |       |       |       |        | 11.1   |        |        | 9.5    |        | 80  |
| 85  |       |       |       |       |        | 9.3    |        |        | 7.8    |        | 85  |
| 90  |       |       |       |       |        | 7.8    |        |        | 6.5    | 5      | 90  |
| 95  |       |       |       |       |        |        |        |        | 5.4    |        | 95  |
| 100 |       |       |       |       |        |        |        |        | 4.4    |        | 100 |
| I   | 0     | 46    | 92/0  | 92    | 0      | 92/0   | 92     | 92     | 0      | 92     | I   |
| II  | 0     | 0     | 0/0   | 46    | 92     | 92/0   | 92     | 92     | 92     | 92     | II  |
| III | 0     | 0     | 0/0   | 0     | 46     | 0/92   | 46     | 92     | 92     | 92     | III |
| IV  | 0     | 0     | 0/92  | 0     | 0      | 0/92   | 0      | 0      | 92     | 46     | IV  |

" over rear

TAB 8902

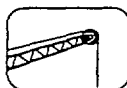


# Lifting capacities at the folding jib.

LTM 1160/1



132 ft\* - 160 ft\*



0° / 15° / 30°  
36 ft - 151 ft



360°



101 500 lbs

85%

| ft  | 132 ft* |      |      | 146 ft* |      |      | 160 ft* |      |      | 171 ft* |      |      | 180 ft* |      |     |       |     |     |        |     |     |        |     |     |        | ft  |
|-----|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|-----|-------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|
|     | 36 ft   |      |      | 38 ft   |      |      | 38 ft   |      |      | 38 ft   |      |      | 59 ft   |      |     | 82 ft |     |     | 105 ft |     |     | 128 ft |     |     | 151 ft |     |
|     | 0°      | 15°  | 30°  | 0°      | 15°  | 30°  | 0°      | 15°  | 30°  | 0°      | 15°  | 30°  | 0°      | 15°  | 30° | 0°    | 15° | 30° | 0°     | 15° | 30° | 0°     | 15° | 30° | 0°     |     |
| 30  | 41.6    |      |      |         |      |      |         |      |      |         |      |      |         |      |     |       |     |     |        |     |     |        |     |     |        | 30  |
| 32  | 41.2    |      |      |         |      |      |         |      |      |         |      |      |         |      |     |       |     |     |        |     |     |        |     |     |        | 32  |
| 34  | 40.8    |      |      |         |      |      |         |      |      |         |      |      |         |      |     |       |     |     |        |     |     |        |     |     |        | 34  |
| 36  | 40.4    |      |      |         |      |      |         |      |      |         |      |      |         |      |     |       |     |     |        |     |     |        |     |     |        | 36  |
| 38  | 40      |      |      |         |      |      |         |      |      |         |      |      |         |      |     |       |     |     |        |     |     |        |     |     |        | 38  |
| 40  | 39.6    | 30.5 |      |         |      |      |         |      |      |         |      |      |         |      |     |       |     |     |        |     |     |        |     |     |        | 40  |
| 45  | 38.3    | 29.4 |      |         |      |      |         |      |      |         |      |      |         |      |     |       |     |     |        |     |     |        |     |     |        | 45  |
| 50  | 36.9    | 27.9 | 19.4 | 32      | 23.9 |      |         |      |      |         |      |      |         |      |     |       |     |     |        |     |     |        |     |     |        | 50  |
| 55  | 35.4    | 26.5 | 18.5 | 31.5    | 22.8 | 15.4 | 25.8    | 17.6 | 11.9 | 21      | 16.5 |      | 17.8    |      |     |       |     |     | 9      |     |     |        |     |     |        | 55  |
| 60  | 34      | 25.2 | 17.6 | 30.8    | 21.7 | 14.7 | 25      | 16.9 | 11.3 | 20.8    | 16   | 10.1 | 17.4    | 13.7 |     |       |     |     | 8.9    |     |     |        |     |     |        | 60  |
| 65  | 32.9    | 23.7 | 16.8 | 29.7    | 20.7 | 14.1 | 23.7    | 16.3 | 10.7 | 20.4    | 15.5 | 9.3  | 17.2    | 13.2 |     |       |     |     | 8.8    |     |     |        |     |     |        | 65  |
| 70  | 31.6    | 22.5 | 15.9 | 28.6    | 19.8 | 13.6 | 22.6    | 15.7 | 10.2 | 20.2    | 14.9 | 8.9  | 17.1    | 12.7 |     |       |     |     | 8.6    |     |     |        |     |     |        | 70  |
| 75  | 30.4    | 21.3 | 15.2 | 27.3    | 18.8 | 12.9 | 21.4    | 15.2 | 9.7  | 19.7    | 14.3 | 8.4  | 16.8    | 12.2 | 8.9 | 11    | 8.4 |     | 8.4    |     |     |        |     |     |        | 75  |
| 80  | 29.2    | 20.2 | 14.7 | 25.9    | 17.8 | 12.2 | 20.4    | 14.6 | 9.4  | 19      | 13.6 | 7.9  | 16.4    | 11.7 | 8.6 | 10.6  | 8.2 |     | 8.2    | 6.9 |     |        |     |     |        | 80  |
| 85  | 27.5    | 19.2 | 14.1 | 24.6    | 16.8 | 11.7 | 19.5    | 14.1 | 9    | 18.5    | 12.9 | 7.5  | 15.8    | 11.2 | 8.3 | 10.2  | 8   |     | 8      | 6.7 |     |        |     |     |        | 85  |
| 90  | 26      | 18.3 | 13.5 | 23.3    | 15.9 | 11.1 | 18.5    | 13.1 | 8.6  | 17.7    | 12   | 7.2  | 15.2    | 10.8 | 8.1 | 9.8   | 7.6 | 5.7 | 7.8    | 6.6 |     |        |     |     |        | 90  |
| 95  | 24.3    | 17.3 | 13.1 | 22.1    | 15   | 10.7 | 17.7    | 12.3 | 8.3  | 17      | 11.2 | 6.8  | 14.6    | 10.4 | 7.7 | 9.5   | 7.3 | 5.6 | 7.8    | 6.4 |     |        |     |     |        | 95  |
| 100 | 22.4    | 16.4 | 12.7 | 21      | 14.3 | 10.3 | 17      | 11.5 | 7.9  | 16.3    | 10.5 | 6.4  | 13.9    | 10   | 7.2 | 9.2   | 7   | 5.5 | 7.7    | 6.2 | 4.6 |        |     |     |        | 100 |
| 105 | 20.3    | 15.5 | 12.1 | 19.9    | 13.6 | 9.9  | 16.3    | 10.9 | 7.8  | 15.8    | 9.7  | 5.8  | 13.3    | 9.6  | 7   | 9     | 6.8 | 5.3 | 7.5    | 6   | 4.4 |        |     |     |        | 105 |
| 110 | 18.5    | 14.8 | 11.9 | 18.5    | 13   | 9.6  | 15.7    | 10.3 | 7.4  | 15.2    | 9.2  | 5.6  | 12.8    | 9.3  | 6.9 | 8.8   | 6.5 | 5.2 | 7.3    | 5.7 | 4.2 |        |     |     |        | 110 |
| 115 | 16.8    | 14.1 | 11.6 | 17      | 12.3 | 9.3  | 15      | 9.8  | 7.2  | 14.5    | 8.7  | 5.5  | 12.2    | 9    | 6.7 | 8.5   | 6.3 | 4.8 | 7.2    | 5.5 | 4.1 |        |     |     |        | 115 |
| 120 | 15.3    | 13.5 | 11.3 | 15.5    | 11.6 | 9.2  | 14.3    | 9.3  | 7    | 13.8    | 8.1  | 5.2  | 11.7    | 8.7  | 6.5 | 8.2   | 6.1 | 4.6 | 7      | 5.3 | 4.1 |        |     |     |        | 120 |
| 125 | 13.8    | 13   | 11.1 | 14.1    | 11.1 | 9    | 13.7    | 8.9  | 6.8  | 13      | 7.6  | 4.8  | 11.1    | 8.4  | 6.3 | 8     | 5.9 | 4.6 | 6.8    | 5.1 | 3.9 |        |     |     |        | 125 |
| 130 | 12.4    | 12.4 | 11   | 12.8    | 10.5 | 8.8  | 12.4    | 8.4  | 6.6  | 11.9    | 7.3  | 4.5  | 10.8    | 8    | 5.9 | 7.6   | 5.8 | 4.4 | 6.6    | 5   | 3.7 |        |     |     |        | 130 |
| 135 | 11      | 11.6 | 10.6 | 11.4    | 10   | 8.6  | 11.4    | 8    | 6.6  | 11.1    | 6.8  | 4.2  | 10.3    | 7.6  | 5.7 | 7.2   | 5.6 | 4.1 | 6.4    | 4.8 | 3.6 |        |     |     |        | 135 |
| 140 | 9.7     | 10.5 | 10.2 | 10      | 8.6  | 8.5  | 10.3    | 7.7  | 6.5  | 10.2    | 6.3  | 4    | 9.8     | 7.2  | 5.6 | 7     | 5.4 | 3.8 | 6.2    | 4.6 | 3.6 |        |     |     |        | 140 |
| 145 | 8.5     | 9.1  | 9.8  | 8.8     | 9.2  | 8.5  | 9       | 7.4  | 6.3  | 9       | 5.8  | 3.9  | 9.4     | 6.9  | 5.6 | 6.7   | 5.3 | 3.6 | 6      | 4.5 | 3.6 |        |     |     |        | 145 |
| 150 | 7.6     | 8.2  | 8.5  | 8       | 8.5  | 8.3  | 8.2     | 7.2  | 6.3  | 8.1     | 5.5  | 3.7  | 8.8     | 6.7  | 5.4 | 6.4   | 5.1 | 3.6 | 5.7    | 4.3 | 3.4 |        |     |     |        | 150 |
| 155 | 6.6     | 7.2  |      | 7.1     | 7.7  | 7.9  | 7.4     | 6.9  | 6.2  | 7.4     | 5.2  | 3.5  | 8.1     | 6.5  | 5.2 | 6.2   | 4.8 | 3.5 | 5.4    | 4.2 | 3.2 |        |     |     |        | 155 |
| 160 | 5.7     |      |      | 6.3     | 6.9  | 7.2  | 6.6     | 6.7  | 6.1  | 6.6     | 4.8  | 3.3  | 7.4     | 6.3  | 5   | 6     | 4.6 | 3.3 | 5.2    | 4   | 3.1 |        |     |     |        | 160 |
| 165 |         |      |      | 5.4     | 6.1  |      | 5.9     | 6.4  | 6    | 5.8     | 4.5  | 3.1  | 6.6     | 6    | 4.8 | 5.8   | 4.4 | 3.2 | 5.1    | 3.8 | 2.9 |        |     |     |        | 165 |
| 170 |         |      |      | 4.8     | 5.2  |      | 5.1     | 5.8  | 5.4  | 5.2     | 4.2  | 2.9  | 6       | 5.7  | 4.6 | 5.8   | 4.2 | 3.2 | 4.9    | 3.7 | 2.7 |        |     |     |        | 170 |
| 175 |         |      |      | 3.9     |      |      | 4.3     | 5    |      | 4.4     | 3.9  | 2.8  | 5.3     | 5.5  | 4.6 | 5.4   | 3.9 | 3   | 4.7    | 3.6 | 2.5 |        |     |     |        | 175 |
| 180 |         |      |      |         |      |      | 3.6     | 4.2  |      | 3.7     | 3.7  | 2.6  | 4.7     | 5.2  | 4.5 | 5     | 3.7 | 2.9 | 4.5    | 3.6 |     |        |     |     |        | 180 |
| 185 |         |      |      |         |      |      | 2.9     |      |      | 3       | 3.3  |      | 4       | 4.6  | 4.3 | 4.4   | 3.6 | 2.9 | 4.3    | 3.4 |     |        |     |     |        | 185 |
| 190 |         |      |      |         |      |      | 2.3     |      |      | 2.3     | 2.6  |      |         |      |     |       |     |     | 3.9    | 3.3 |     |        |     |     |        | 190 |
| 195 |         |      |      |         |      |      |         |      |      |         |      |      |         |      |     |       |     |     | 2.7    | 3.3 |     |        |     |     |        | 195 |
| 200 |         |      |      |         |      |      |         |      |      |         |      |      |         |      |     |       |     |     | 2.7    | 3.2 |     |        |     |     |        | 200 |
| 205 |         |      |      |         |      |      |         |      |      |         |      |      |         |      |     |       |     |     | 2.9    | 2.4 |     |        |     |     |        | 205 |
| 210 |         |      |      |         |      |      |         |      |      |         |      |      |         |      |     |       |     |     |        | 2.5 |     |        |     |     |        | 210 |
| 215 |         |      |      |         |      |      |         |      |      |         |      |      |         |      |     |       |     |     |        | 2.3 |     |        |     |     |        | 215 |
| I   | 92      |      |      | 92      |      |      | 92      |      |      | 100     |      |      |         |      |     | 92    |     |     |        |     |     |        |     |     |        | I   |
| II  | 92      |      |      | 92      |      |      | 92      |      |      | 100     |      |      |         |      |     | 92    |     |     |        |     |     |        |     |     |        | II  |
| III | 92      |      |      | 92      |      |      | 92      |      |      | 100     |      |      |         |      |     | 92    |     |     |        |     |     |        |     |     |        | III |
| IV  | 0       |      |      | 46      |      |      | 92      |      |      | 100     |      |      |         |      |     | 92    |     |     |        |     |     |        |     |     |        | IV  |

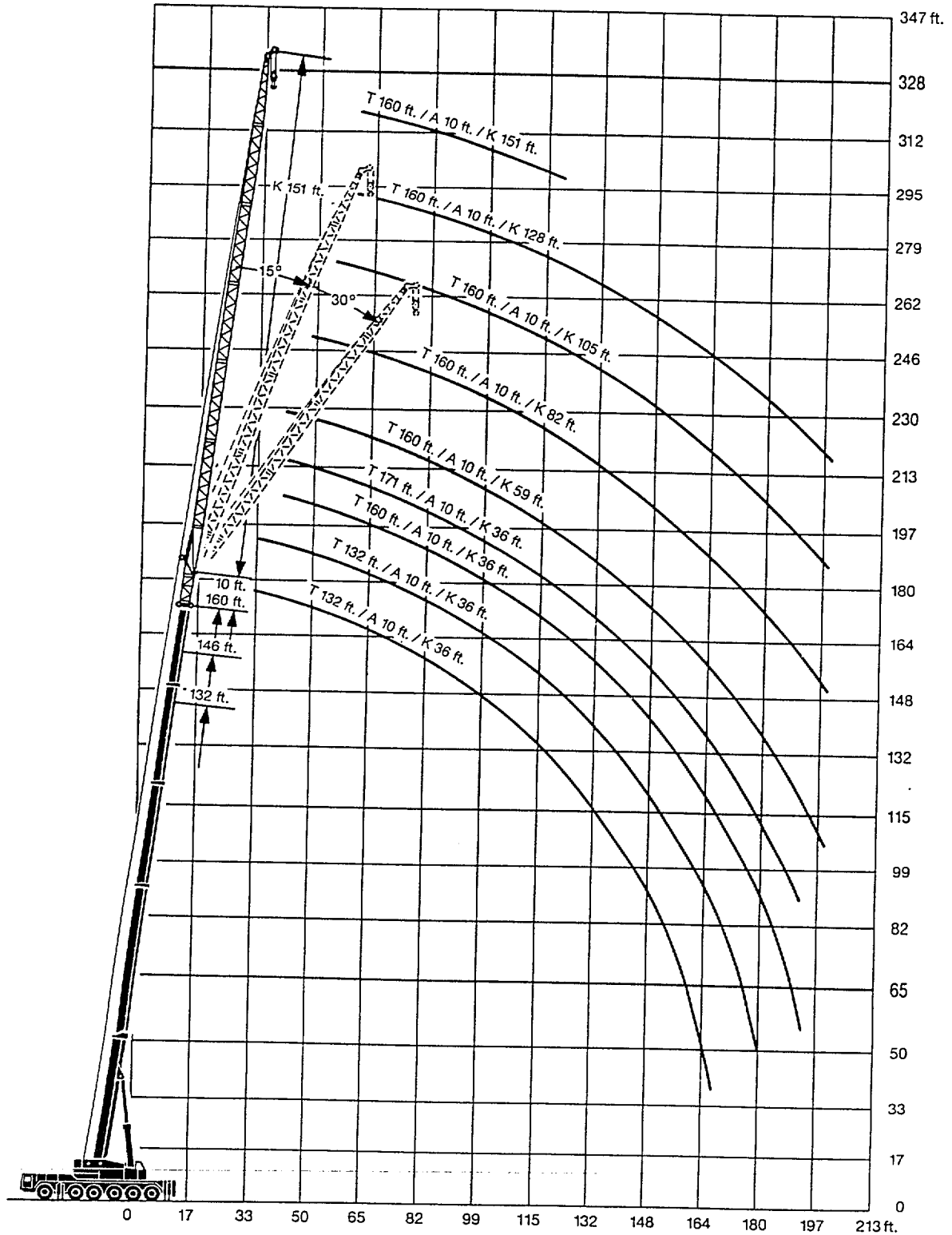
\* with 10 ft adapter additional

TAB 89133 / 89181 / 89165

# Lifting heights.

<https://truckmanualshub.com/>

LTM 1160 / 1



# Lifting capacities at the luffing folding jib.

LTM 1160/1



44 ft\* - 171 ft\*



36 ft - 151 ft

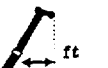


360°



101 500 lbs

85%

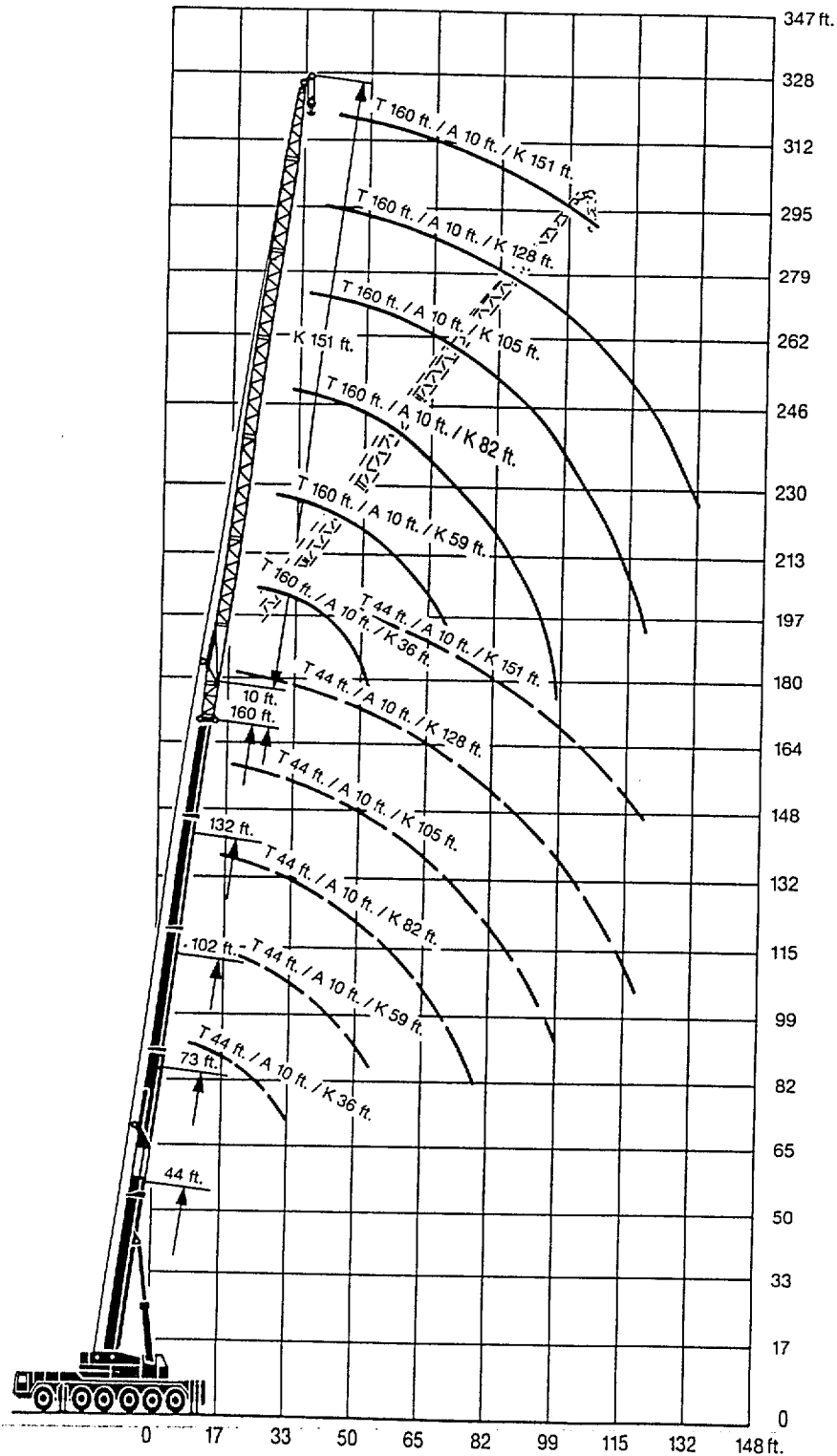
|  | 44 ft* |       |       |        |        |        | 73 ft* |       |       |        |        |        | 102 ft* |       |       |        |        |        |  |
|-----------------------------------------------------------------------------------|--------|-------|-------|--------|--------|--------|--------|-------|-------|--------|--------|--------|---------|-------|-------|--------|--------|--------|-------------------------------------------------------------------------------------|
|                                                                                   | 36 ft  | 59 ft | 82 ft | 105 ft | 128 ft | 151 ft | 36 ft  | 59 ft | 82 ft | 105 ft | 128 ft | 151 ft | 36 ft   | 59 ft | 82 ft | 105 ft | 128 ft | 151 ft |                                                                                     |
| 10                                                                                | 68.5   |       |       |        |        |        |        |       |       |        |        |        |         |       |       |        |        |        | 10                                                                                  |
| 11                                                                                | 64     |       |       |        |        |        |        |       |       |        |        |        |         |       |       |        |        |        | 11                                                                                  |
| 12                                                                                | 60     |       |       |        |        |        |        |       |       |        |        |        |         |       |       |        |        |        | 12                                                                                  |
| 13                                                                                | 56.7   |       |       |        |        |        |        |       |       |        |        |        |         |       |       |        |        |        | 13                                                                                  |
| 14                                                                                | 53     | 48.1  |       |        |        |        | 64     |       |       |        |        |        |         |       |       |        |        |        | 14                                                                                  |
| 15                                                                                | 49.6   | 45    |       |        |        |        | 59.8   |       |       |        |        |        |         |       |       |        |        |        | 15                                                                                  |
| 16                                                                                | 47.1   | 42.7  |       |        |        |        | 56.2   |       |       |        |        |        |         |       |       |        |        |        | 16                                                                                  |
| 17                                                                                | 44.8   | 40.7  | 35.3  |        |        |        | 53.2   |       |       |        |        |        |         |       |       |        |        |        | 17                                                                                  |
| 18                                                                                | 42.5   | 39    | 34.2  |        |        |        | 50.4   |       |       |        |        |        |         |       |       |        |        |        | 18                                                                                  |
| 20                                                                                | 38.2   | 35.7  | 32.2  |        |        |        | 45.2   | 39.7  |       |        |        |        | 52.7    |       |       |        |        |        | 20                                                                                  |
| 22                                                                                | 34.7   | 32.9  | 30.3  |        |        |        | 41.4   | 36.5  |       |        |        |        | 48.2    |       |       |        |        |        | 22                                                                                  |
| 24                                                                                | 31.5   | 30.5  | 28.4  | 23.2   |        |        | 38.1   | 33.7  | 29.2  |        |        |        | 43.9    | 36.6  |       |        |        |        | 24                                                                                  |
| 26                                                                                | 28.7   | 28.4  | 26.7  | 22     |        |        | 35.3   | 31.3  | 27.6  |        |        |        | 39.8    | 34.2  |       |        |        |        | 26                                                                                  |
| 28                                                                                | 26.7   | 26.6  | 25    | 20.8   | 17.2   |        | 32.7   | 29.2  | 26.1  | 21.4   |        |        | 36.1    | 32.1  |       |        |        |        | 28                                                                                  |
| 30                                                                                | 24.8   | 24.9  | 23.4  | 19.6   | 16.3   |        | 30.3   | 27.3  | 24.7  | 20.4   |        |        | 32.5    | 30.1  | 24.7  |        |        |        | 30                                                                                  |
| 32                                                                                | 23     | 23.4  | 21.9  | 18.6   | 15.4   |        | 28.1   | 25.6  | 23.3  | 19.3   |        |        | 29.2    | 28.2  | 23.5  |        |        |        | 32                                                                                  |
| 34                                                                                |        | 22    | 20.6  | 17.6   | 14.6   | 11.8   |        | 24.1  | 22.1  | 18.4   | 14.6   |        | 26.4    | 26.4  | 22.4  | 17.8   |        |        | 34                                                                                  |
| 36                                                                                |        | 20.7  | 19.3  | 16.7   | 13.9   | 11.3   |        | 22.6  | 20.9  | 17.6   | 14     |        | 23.8    | 24.7  | 21.4  | 17     |        |        | 36                                                                                  |
| 38                                                                                |        | 19.3  | 18.1  | 15.7   | 13.1   | 10.8   |        | 21.1  | 19.7  | 16.8   | 13.3   |        | 21.2    | 23    | 20.4  | 16.3   |        |        | 38                                                                                  |
| 40                                                                                |        | 18.1  | 16.9  | 14.8   | 12.4   | 10.3   |        | 19.8  | 18.6  | 16     | 12.7   | 9.8    |         | 21.4  | 19.4  | 15.6   | 12.5   |        | 40                                                                                  |
| 45                                                                                |        | 15.5  | 14.1  | 13     | 11     | 9.2    |        | 17    | 16.2  | 14.4   | 11.4   | 8.9    |         | 17.7  | 17.2  | 13.9   | 11.4   |        | 45                                                                                  |
| 50                                                                                |        | 13.2  | 11.9  | 11.3   | 9.8    | 8.2    |        | 14.4  | 14.1  | 12.9   | 10.3   | 8.1    |         | 14.6  | 15.1  | 12.5   | 10.3   | 7.3    | 50                                                                                  |
| 55                                                                                |        |       | 10.1  | 9.8    | 8.7    | 7.4    |        | 12    | 12.3  | 11.5   | 9.2    | 7.4    |         | 11.8  | 13.1  | 11.2   | 9.3    | 6.5    | 55                                                                                  |
| 60                                                                                |        |       | 8.5   | 8.5    | 7.6    | 6.7    |        |       | 10.7  | 10.3   | 8.3    | 6.7    |         |       | 11.4  | 10     | 8.6    | 5.9    | 60                                                                                  |
| 65                                                                                |        |       | 7.4   | 7.4    | 6.7    | 6.1    |        |       | 9.4   | 9.3    | 7.4    | 5.9    |         |       | 9.9   | 8.9    | 7.6    | 5.2    | 65                                                                                  |
| 70                                                                                |        |       | 6.5   | 6.5    | 5.9    | 5.4    |        |       | 8.2   | 8.4    | 6.6    | 5.3    |         |       | 8.4   | 7.8    | 7      | 4.6    | 70                                                                                  |
| 75                                                                                |        |       | 5.9   | 5.8    | 5.3    | 4.9    |        |       | 7.2   | 7.5    | 6      | 4.8    |         |       | 7     | 6.8    | 6.4    | 4.2    | 75                                                                                  |
| 80                                                                                |        |       |       | 5.2    | 4.7    | 4.5    |        |       |       | 6.6    | 5.4    | 4.3    |         |       | 5.8   | 5.8    | 5.6    | 3.7    | 80                                                                                  |
| 85                                                                                |        |       |       | 4.6    | 4.2    | 4.1    |        |       |       | 5.9    | 4.9    | 3.9    |         |       | 4.9   | 4.9    | 4.9    | 3.2    | 85                                                                                  |
| 90                                                                                |        |       |       | 4.3    | 3.6    | 3.6    |        |       |       | 5.1    | 4.3    | 3.5    |         |       |       | 4.3    | 4.3    | 2.8    | 90                                                                                  |
| 95                                                                                |        |       |       | 3.9    | 3.2    | 3.2    |        |       |       | 4.5    | 3.8    | 3.2    |         |       |       | 3.8    | 3.8    |        | 95                                                                                  |
| 100                                                                               |        |       |       |        | 2.8    | 2.9    |        |       |       | 4      | 3.3    | 2.8    |         |       |       | 3.2    | 3.3    |        | 100                                                                                 |
| 105                                                                               |        |       |       |        |        |        |        |       |       |        | 2.9    |        |         |       |       |        | 2.9    |        | 105                                                                                 |
| 110                                                                               |        |       |       |        |        |        |        |       |       |        | 2.5    |        |         |       |       |        | 2.5    |        | 110                                                                                 |
| I                                                                                 | 0      |       |       |        |        |        | 92     |       |       |        |        |        | 92      |       |       |        |        |        | I                                                                                   |
| II                                                                                | 0      |       |       |        |        |        | 0      |       |       |        |        |        | 92      |       |       |        |        |        | II                                                                                  |
| III                                                                               | 0      |       |       |        |        |        | 0      |       |       |        |        |        | 0       |       |       |        |        |        | III                                                                                 |
| IV                                                                                | 0      |       |       |        |        |        | 0      |       |       |        |        |        | 0       |       |       |        |        |        | IV                                                                                  |

| ft  | 132 ft* |       |       |        |        |        | 146 ft* |       |       |        |        |        | 160 ft* |       |       |        |        |        | 171 ft* | ft  |
|-----|---------|-------|-------|--------|--------|--------|---------|-------|-------|--------|--------|--------|---------|-------|-------|--------|--------|--------|---------|-----|
|     | 36 ft   | 59 ft | 82 ft | 105 ft | 128 ft | 151 ft | 36 ft   | 59 ft | 82 ft | 105 ft | 128 ft | 151 ft | 36 ft   | 59 ft | 82 ft | 105 ft | 128 ft | 151 ft | 36 ft   |     |
| 30  | 38.3    | 28.8  |       |        |        |        |         |       |       |        |        |        |         |       |       |        |        |        |         | 30  |
| 32  | 36.2    | 27.6  |       |        |        |        |         |       |       |        |        |        |         |       |       |        |        |        |         | 32  |
| 34  | 34.2    | 26.5  | 19.7  |        |        |        | 30.7    | 22.4  | 16.3  |        |        |        |         |       |       |        |        |        |         | 34  |
| 36  | 32.1    | 25.3  | 19.1  |        |        |        | 29.6    | 21.9  | 16    |        |        |        |         |       |       |        |        |        |         | 36  |
| 38  | 30      | 24.1  | 18.4  |        |        |        | 28.6    | 21.3  | 15.6  |        |        |        |         |       |       |        |        |        |         | 38  |
| 40  | 28      | 22.9  | 17.7  | 14.4   |        |        | 27.5    | 20.7  | 15.3  | 11.7   |        |        |         |       |       |        |        |        | 21.2    | 40  |
| 45  | 22.8    | 20    | 16.1  | 13.3   |        |        | 24.6    | 19.2  | 14.5  | 11.2   |        |        | 27.1    | 18.4  | 12.9  |        |        |        | 20.1    | 45  |
| 50  |         | 17    | 14.6  | 12.3   | 9.3    |        | 20.4    | 17.3  | 13.6  | 10.7   | 7.4    |        | 23.5    | 17.5  | 12.7  | 9      |        |        | 18.2    | 50  |
| 55  |         | 14.6  | 13    | 11.4   | 8.7    | 6.4    |         | 15.6  | 12.8  | 10.2   | 7.1    | 4.9    |         | 16.5  | 12.5  | 8.9    | 5.6    |        | 16.2    | 55  |
| 60  |         | 12.8  | 11.4  | 10.5   | 8.1    | 6      |         | 14.1  | 11.8  | 9.6    | 6.9    | 4.7    |         | 15.4  | 12.2  | 8.7    | 5.6    | 3.4    |         | 60  |
| 65  |         | 10.9  | 9.9   | 9.4    | 7.6    | 5.6    |         | 12.1  | 10.6  | 8.9    | 6.6    | 4.5    |         | 13.4  | 11.3  | 8.5    | 5.6    | 3.4    |         | 65  |
| 70  |         |       | 8.7   | 8.4    | 7      | 5.3    |         | 10.4  | 9.5   | 8.3    | 6.3    | 4.3    |         | 11.5  | 10.2  | 8.2    | 5.6    | 3.4    |         | 70  |
| 75  |         |       | 7.5   | 7.5    | 6.5    | 5      |         |       | 8.4   | 7.6    | 6      | 4.2    |         |       | 9.2   | 7.7    | 5.6    | 3.4    |         | 75  |
| 80  |         |       | 6.4   | 6.7    | 5.9    | 4.8    |         |       | 7.3   | 6.9    | 5.7    | 4.1    |         |       | 8.3   | 7.1    | 5.5    | 3.4    |         | 80  |
| 85  |         |       | 5.9   | 6.1    | 5.4    | 4.4    |         |       | 6.6   | 6.3    | 5.3    | 3.8    |         |       | 7.3   | 6.6    | 5.1    | 3.2    |         | 85  |
| 90  |         |       | 5.1   | 5.4    | 5      | 4      |         |       | 5.8   | 5.8    | 4.9    | 3.4    |         |       | 6.4   | 6.2    | 4.8    | 2.8    |         | 90  |
| 95  |         |       |       | 4.7    | 4.5    | 3.7    |         |       | 4.9   | 5.2    | 4.4    |        |         |       | 5.5   | 5.7    | 4.4    |        |         | 95  |
| 100 |         |       |       | 4.3    | 4      | 3.3    |         |       |       | 4.7    | 4      |        |         |       |       | 5.2    | 4      |        |         | 100 |
| 105 |         |       |       | 3.9    | 3.6    | 2.9    |         |       |       | 4.2    | 3.6    |        |         |       |       | 4.6    | 3.6    |        |         | 105 |
| 110 |         |       |       | 3.5    | 3.3    | 2.7    |         |       |       | 3.8    | 3.4    |        |         |       |       | 4.1    | 3.5    |        |         | 110 |
| 115 |         |       |       |        | 2.9    |        |         |       |       | 3.3    | 3      |        |         |       |       | 3.5    | 3.1    |        |         | 115 |
| 120 |         |       |       |        | 2.6    |        |         |       |       |        | 2.7    |        |         |       |       |        | 2.8    |        |         | 120 |
| I   | 92      |       |       |        |        |        | 92      |       |       |        |        |        | 92      |       |       |        |        |        | 100     | I   |
| II  | 92      |       |       |        |        |        | 92      |       |       |        |        |        | 92      |       |       |        |        |        | 100     | II  |
| III | 92      |       |       |        |        |        | 92      |       |       |        |        |        | 92      |       |       |        |        |        | 100     | III |
| IV  | 0       |       |       |        |        |        | 46      |       |       |        |        |        | 92      |       |       |        |        |        | 100     | IV  |

\* with 10 ft adapter additional

TAB 89190.1/2

## Luffing folding jib.



Telescopic boom: 83°

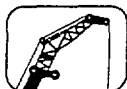
# Lifting capacities at the lifting folding jib.

<https://truckmanuals.ru.com/>

LTM 1160 / 1



44 ft\* - 171 ft\*



36 ft - 151 ft



360°



101 500 lbs

85%

| ft   | 44 ft* |       |       |        |        |        | 73 ft* |       |       |        |        |        | 102 ft* |       |       |        |        |        | ft   |
|------|--------|-------|-------|--------|--------|--------|--------|-------|-------|--------|--------|--------|---------|-------|-------|--------|--------|--------|------|
|      | 36 ft  | 59 ft | 82 ft | 105 ft | 128 ft | 151 ft | 36 ft  | 59 ft | 82 ft | 105 ft | 128 ft | 151 ft | 36 ft   | 59 ft | 82 ft | 105 ft | 128 ft | 151 ft |      |
| 34   | 37     |       |       |        |        |        |        |       |       |        |        |        |         |       |       |        |        |        | 34   |
| 36   | 34.1   |       |       |        |        |        |        |       |       |        |        |        |         |       |       |        |        |        | 36   |
| 38   | 31.1   |       |       |        |        |        |        |       |       |        |        |        |         |       |       |        |        |        | 38   |
| 40   | 28.5   |       |       |        |        |        |        |       |       |        |        |        |         |       |       |        |        |        | 40   |
| 45   | 23.5   |       |       |        |        |        |        |       |       |        |        |        |         |       |       |        |        |        | 45   |
| 50   |        | 19.8  |       |        |        |        | 28.5   |       |       |        |        |        |         |       |       |        |        |        | 50   |
| 55   |        | 16.6  | 16.7  |        |        |        | 23     |       |       |        |        |        |         |       |       |        |        |        | 55   |
| 60   |        | 13.9  | 14.4  |        |        |        |        | 21.2  |       |        |        |        | 31.7    |       |       |        |        |        | 60   |
| 65   |        | 11.5  | 12.6  |        |        |        |        | 17.7  |       |        |        |        | 24.9    |       |       |        |        |        | 65   |
| 70   |        |       | 10.9  | 10.3   |        |        |        | 15.1  | 14.5  |        |        |        | 19.3    |       |       |        |        |        | 70   |
| 75   |        |       | 9.4   | 9      |        |        |        | 12.8  | 12.8  |        |        |        |         | 17.8  |       |        |        |        | 75   |
| 80   |        |       | 8     | 7.8    | 7.1    |        |        |       | 11.3  | 9.9    |        |        |         | 15.2  | 14.6  |        |        |        | 80   |
| 85   |        |       | 6.9   | 6.9    | 6.4    |        |        |       | 9.8   | 8.6    |        |        |         | 13    | 12.7  |        |        |        | 85   |
| 90   |        |       | 5.6   | 6.1    | 5.6    | 4.6    |        |       | 8.8   | 7.6    | 7.1    |        |         | 11.1  | 11.4  |        |        |        | 90   |
| 95   |        |       |       | 5.5    | 5      | 4.1    |        |       | 7.9   | 6.8    | 6.3    |        |         |       | 10.1  | 9      |        |        | 95   |
| 100  |        |       |       | 4.9    | 4.4    | 3.7    |        |       | 7     | 6.1    | 5.7    | 4.7    |         |       | 8.9   | 8      |        |        | 100  |
| 105  |        |       |       | 4.4    | 3.9    | 3.2    |        |       |       | 5.3    | 5.1    | 4.4    |         |       | 7.8   | 7      | 6.1    |        | 105  |
| 110  |        |       |       | 3.8    | 3.5    | 2.8    |        |       |       | 4.8    | 4.7    | 3.8    |         |       | 7     | 6.3    | 5.5    |        | 110  |
| 115  |        |       |       |        | 3      |        |        |       |       | 4.2    | 4.4    | 3.4    |         |       | 6.3   | 5.6    | 5      | 4.1    | 115  |
| 120  |        |       |       |        |        |        |        |       |       | 3.7    | 4      | 3      |         |       |       | 4.8    | 4.4    | 3.7    | 120  |
| 125  |        |       |       |        |        |        |        |       |       |        | 3.6    |        |         |       |       | 4.1    | 3.9    | 3.4    | 125  |
| 130  |        |       |       |        |        |        |        |       |       |        | 3.2    |        |         |       |       | 3.5    | 3.5    | 3      | 130  |
| 135  |        |       |       |        |        |        |        |       |       |        | 3      |        |         |       |       | 3      | 3.1    | 2.6    | 135  |
| 140  |        |       |       |        |        |        |        |       |       |        | 2.8    |        |         |       |       |        | 2.8    |        | 140  |
| I    |        |       |       | 0      |        |        |        |       | 92    |        |        |        |         |       | 92    |        |        |        | I    |
| II   |        |       |       | 0      |        |        |        |       | 0     |        |        |        |         |       | 92    |        |        |        | II   |
| III  |        |       |       | 0      |        |        |        |       | 0     |        |        |        |         |       | 0     |        |        |        | III  |
| % IV |        |       |       | 0      |        |        |        |       | 0     |        |        |        |         |       | 0     |        |        |        | % IV |

| ft   | 132 ft* |       |       |        |        |        | 146 ft* |       |       |        |        | 160 ft* |       |       |        |        | 171 ft* | ft   |
|------|---------|-------|-------|--------|--------|--------|---------|-------|-------|--------|--------|---------|-------|-------|--------|--------|---------|------|
|      | 36 ft   | 59 ft | 82 ft | 105 ft | 128 ft | 151 ft | 36 ft   | 59 ft | 82 ft | 105 ft | 128 ft | 36 ft   | 59 ft | 82 ft | 105 ft | 128 ft | 36 ft   |      |
| 80   | 23.3    |       |       |        |        |        |         |       |       |        |        |         |       |       |        |        |         | 80   |
| 85   | 19.6    |       |       |        |        |        |         |       |       |        |        |         |       |       |        |        |         | 85   |
| 90   |         | 16.5  |       |        |        |        | 16.2    |       |       |        |        |         |       |       |        |        |         | 90   |
| 95   |         | 14    |       |        |        |        |         | 13    |       |        |        | 16.9    |       |       |        |        |         | 95   |
| 100  |         | 11.8  | 11.5  |        |        |        |         | 12.2  |       |        |        |         |       |       |        |        | 16      | 100  |
| 105  |         |       | 10.2  |        |        |        |         | 11.3  | 9     |        |        |         | 12.6  |       |        |        |         | 105  |
| 110  |         |       | 9.1   |        |        |        |         | 9.1   | 8.8   |        |        |         | 11.1  |       |        |        |         | 110  |
| 115  |         |       | 8     | 7.1    |        |        |         | 6.4   | 8.4   |        |        |         | 9.9   |       |        |        |         | 115  |
| 120  |         |       | 7     | 6.3    |        |        |         |       | 7.7   | 6.6    |        |         | 8.9   | 8.5   |        |        |         | 120  |
| 125  |         |       | 6.3   | 5.8    | 5.1    |        |         |       | 7     | 6.3    |        |         |       | 7.7   | 6.8    |        |         | 125  |
| 130  |         |       | 5.7   | 5      | 4.5    |        |         |       | 6.4   | 5.6    |        |         |       | 7.2   | 6.2    |        |         | 130  |
| 135  |         |       |       | 4.4    | 4.1    | 3      |         |       | 5.5   | 5.1    | 3.6    |         |       | 6.6   | 5.8    |        |         | 135  |
| 140  |         |       |       | 3.9    | 3.7    | 2.8    |         |       |       | 4.6    | 3.4    |         |       | 6.1   | 5.4    |        |         | 140  |
| 145  |         |       |       | 3.4    | 3.4    |        |         |       |       | 4.2    | 3.2    |         |       |       | 5.1    | 3.2    |         | 145  |
| 150  |         |       |       | 3      | 3      |        |         |       |       | 3.8    | 3.1    |         |       |       | 4.7    | 3.2    |         | 150  |
| 155  |         |       |       |        | 2.6    |        |         |       |       | 3.5    | 2.9    |         |       |       | 4.3    | 3.2    |         | 155  |
| 160  |         |       |       |        |        |        |         |       |       |        |        |         |       |       | 4      | 3.2    |         | 160  |
| 165  |         |       |       |        |        |        |         |       |       |        |        |         |       |       | 3.8    | 3.1    |         | 165  |
| 170  |         |       |       |        |        |        |         |       |       |        |        |         |       |       | 3.7    | 2.9    |         | 170  |
| 175  |         |       |       |        |        |        |         |       |       |        |        |         |       |       |        | 2.8    |         | 175  |
| I    |         |       |       | 92     |        |        |         |       | 92    |        |        |         |       | 92    |        |        | 100     | I    |
| II   |         |       |       | 92     |        |        |         |       | 92    |        |        |         |       | 92    |        |        | 100     | II   |
| III  |         |       |       | 92     |        |        |         |       | 92    |        |        |         |       | 92    |        |        | 100     | III  |
| % IV |         |       |       | 0      |        |        |         |       | 46    |        |        |         |       | 92    |        |        | 100     | % IV |

\* with 10 ft adapter additional

TAB 89150.1/2

Luffing folding jib.

