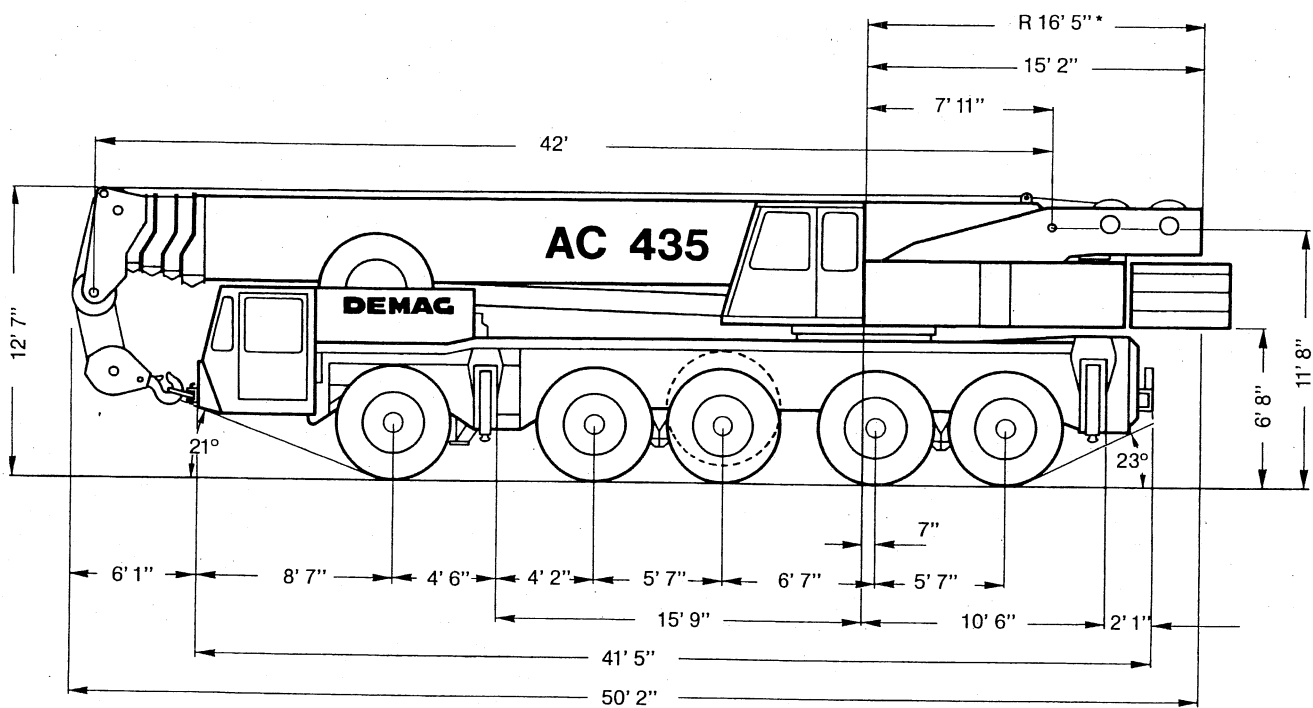




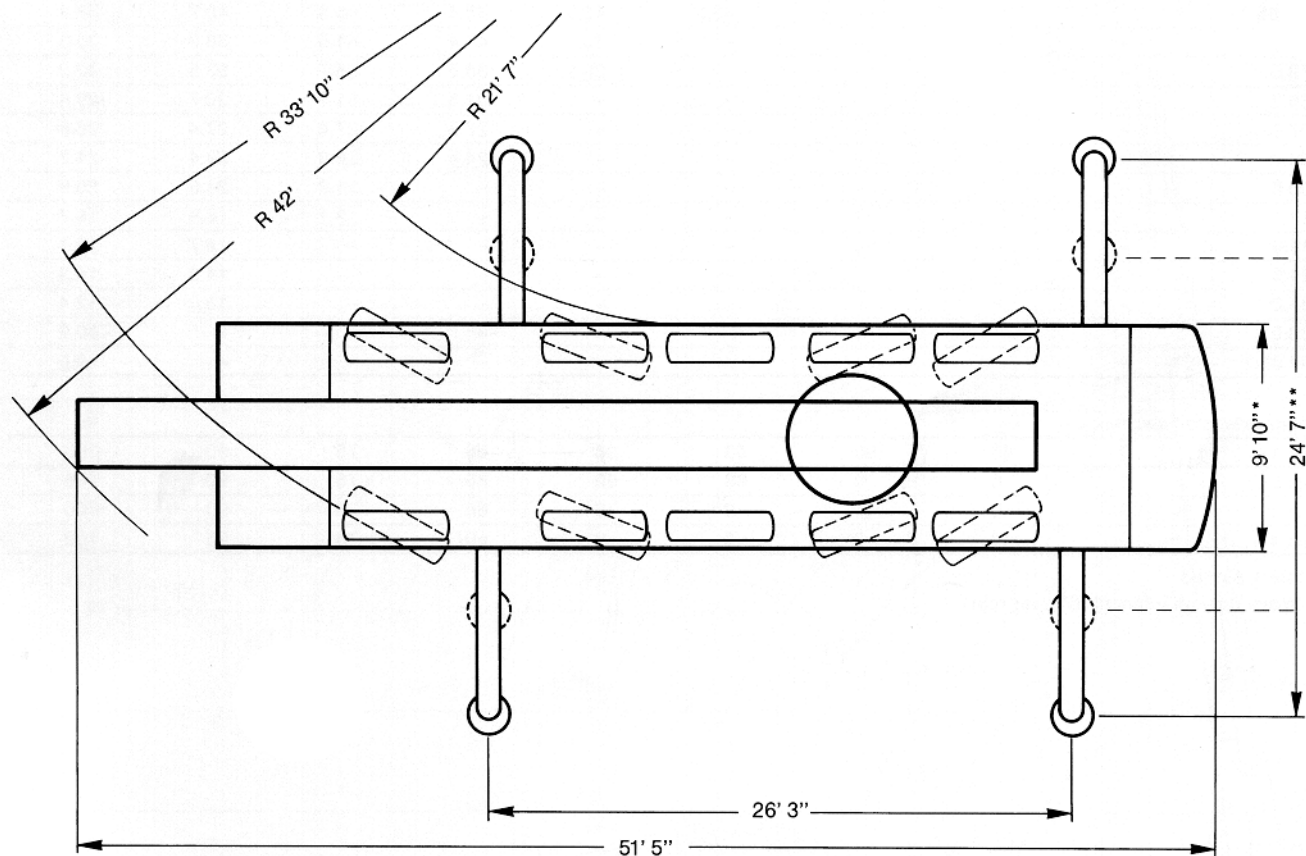
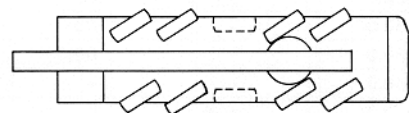
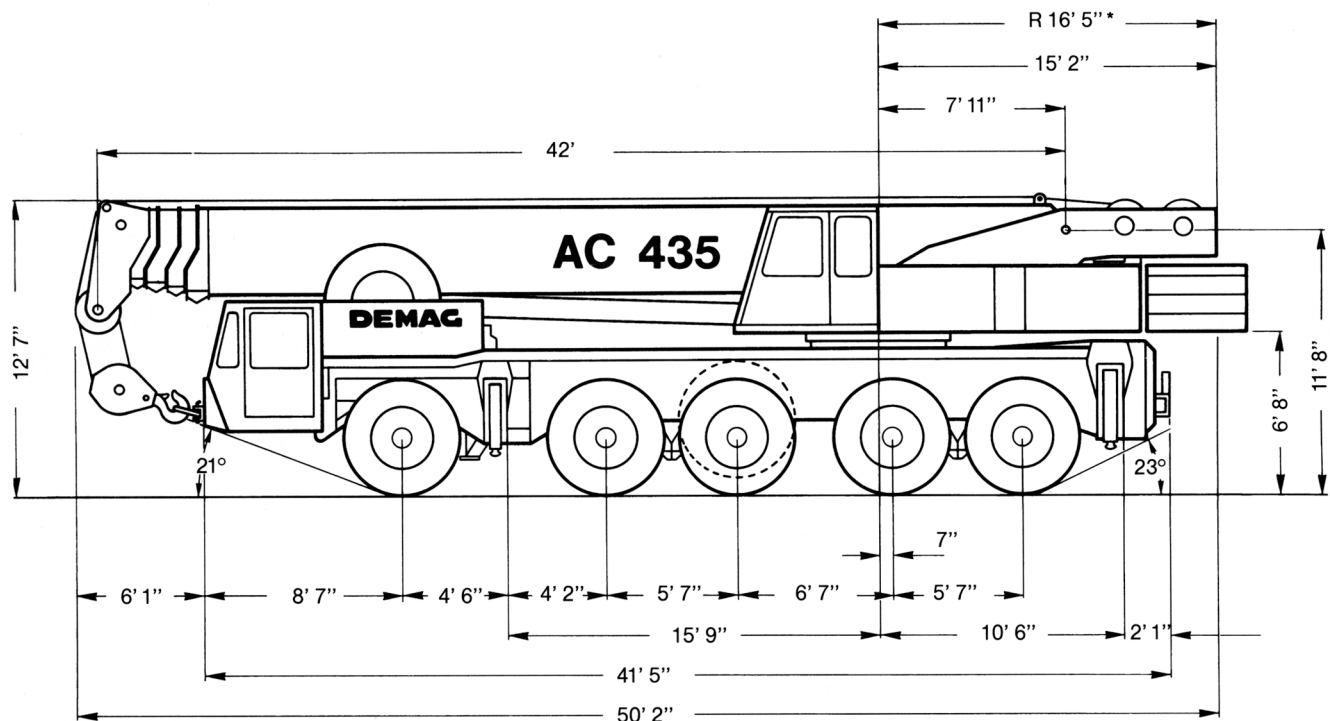
## Dimensions



\* Width with more than 59,000 lb of counterweight: 16' 5", tail swing: 16' 11"



## Dimensions

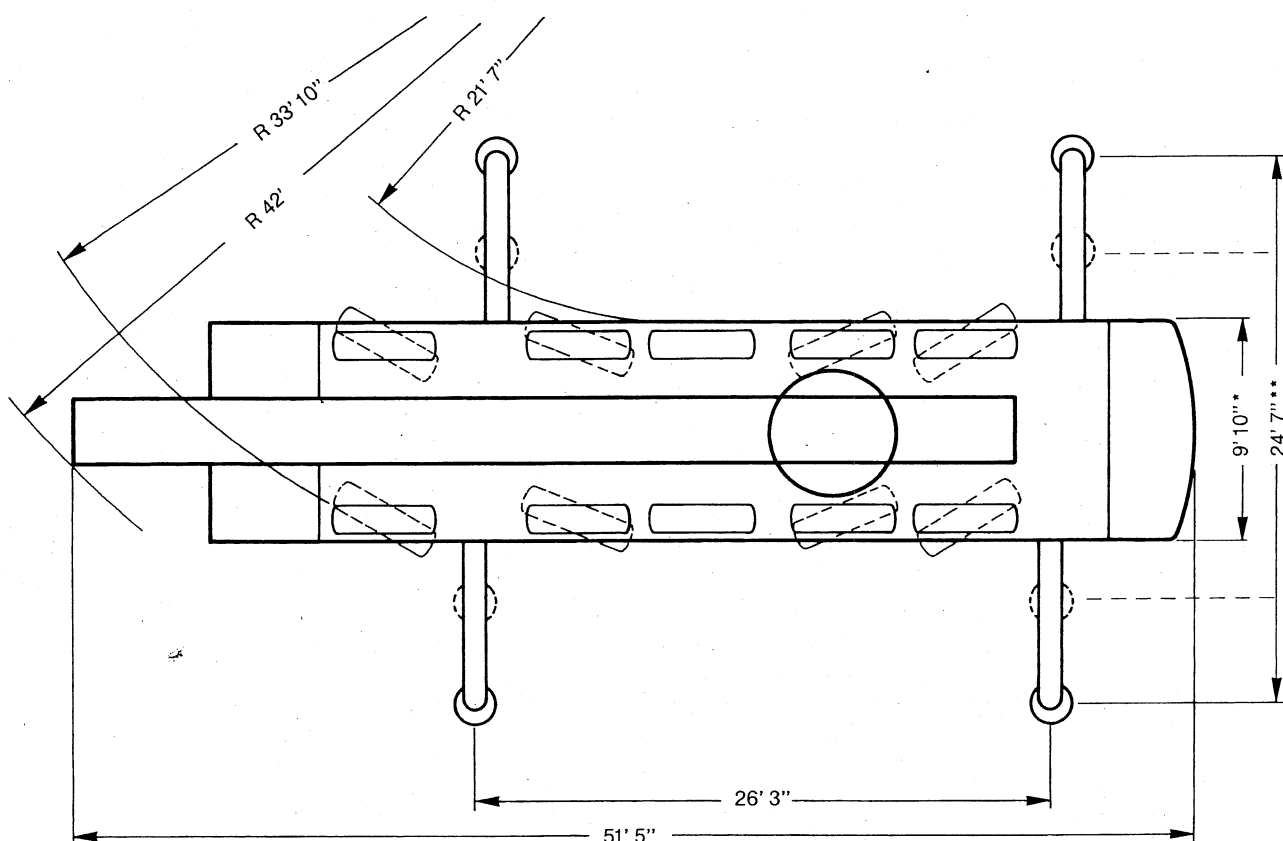
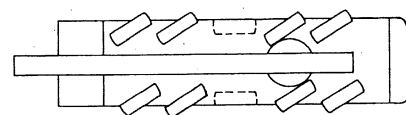


\* Width with more than 59,000 lb counterweight 16' 5", tail swing 16' 11"

\*\* Duties for outrigger base 16' upon request



## Dimensions



\* Width with more than 59,000 lb of counterweight: 16' 5", tail swing: 16' 11"

\*\* Duties for outrigger base 16' upon request

TAIL SWING: 17' 9" w/ 103,000 CWT

**DEMAG MODEL AC 435 - 180 TON CAPACITY**

| <b><u>COMPONENT WEIGHTS</u></b>                                                                         | <b><u>LBS.</u></b> | <b><u>KGS.</u></b> | <b><u>JIB O.D 49" X 44"</u></b>           | <b><u>LBS.</u></b> | <b><u>KGS.</u></b> |
|---------------------------------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------|--------------------|--------------------|
| Complete Crane<br>(incl. block, ball & max. cwt.)                                                       | 241,150            | 109 415            | Tele-Extension Unit 180-6-372             |                    |                    |
|                                                                                                         |                    |                    | Fixed Fly 39' – 59' – 79' – 98'           |                    |                    |
| Main Unit c/w Outriggers (1)<br>(excl. block, ball & cwt.)                                              | 132,000            | 59 891             | Luffing Fly 59' – 79' – 98' – 118' – 138' |                    |                    |
| Main Unit Stripped<br>(excluding block, ball, cwt, boom,<br>boom cylinders, front & rear<br>outriggers) | 76,700             | 34 792             | <b><u>JIB COMPONENT WEIGHTS</u></b>       |                    |                    |
|                                                                                                         |                    |                    | Butt 6M 19'8"                             | 2,158              | 980                |
| Counterweight – Minimum                                                                                 | 24,200             | 10 980             | Tip 6.5M 21'4"                            | 1,418              | 643                |
| Counterweight – Maximum                                                                                 | 103,500            | 46 960             | Insert 6M 19'8"                           | 948                | 430                |
| Unit 180-6-372 Counterweight – Max.                                                                     | 97,000             | 44 011             | HD Insert 6M 19'8"                        | 1,278              | 580                |
| Certificate Weight                                                                                      |                    | 42 000             | Jib Mast 7M 23'                           | 1,418              | 643                |
| <b><u>ADDITIONAL INFORMATION</u></b>                                                                    |                    |                    | <b><u>COUNTERWEIGHT</u></b>               | <b><u>LBS.</u></b> | <b><u>KGS.</u></b> |
| 110 Ton Block                                                                                           | 3,970              | 1 802              | Top Slab                                  | 10,000             | 4 537              |
| 24 Ton Block                                                                                            | 1,675              | 760                | Bottom Slab                               | 13,200             | 5 990              |
| Boom Dolly                                                                                              | 11,000             | 4 990              | Basic Slab (2) ea.                        | 17,600             | 7 986              |
| Main Load Line (21 mm x 300 M)                                                                          | 1,418              | 643                | Auxiliary (2) ea.                         | 22,000             | 9 982              |
| Auxiliary Load Line (21 mm x 210 M)                                                                     | 1,228              | 557                |                                           |                    |                    |
| Boom                                                                                                    | 42,000             | 19 052             |                                           |                    |                    |
| Boom Cylinder                                                                                           | 3,300              | 1 497              |                                           |                    |                    |
| Front Outriggers                                                                                        | 5,000              | 2 268              |                                           |                    |                    |
| Rear Outriggers                                                                                         | 5,000              | 2 268              |                                           |                    |                    |

**TRANSPORTATION\*\***

Average Driving Speed

45 km/hr

**Alberta**

- Spring\*
- Summer and Winter

Weight  
(1)TrailerSmall  
64 wh

Drive

Tandem  
dolly**British Columbia**

- Spring (Lower Mainland)
- Summer & Winter

Drive

Tandem  
dolly

Drive

Tandem  
Dolly**Saskatchewan**

- Spring\*
- Summer & Winter

Drive

Tandem  
dolly

Drive

Tandem  
Dolly**All Provinces / All Seasons****No.****Trailer**

24,200 lb. cwt. &amp; misc.

1

Tandem

42,000 lb. cwt. &amp; misc.

1

Tridem

59,200 lb. cwt. &amp; misc.

or

1

2

S/B  
Train  
Tandem

103,500 lb. cwt. &amp; misc.

+

1

1

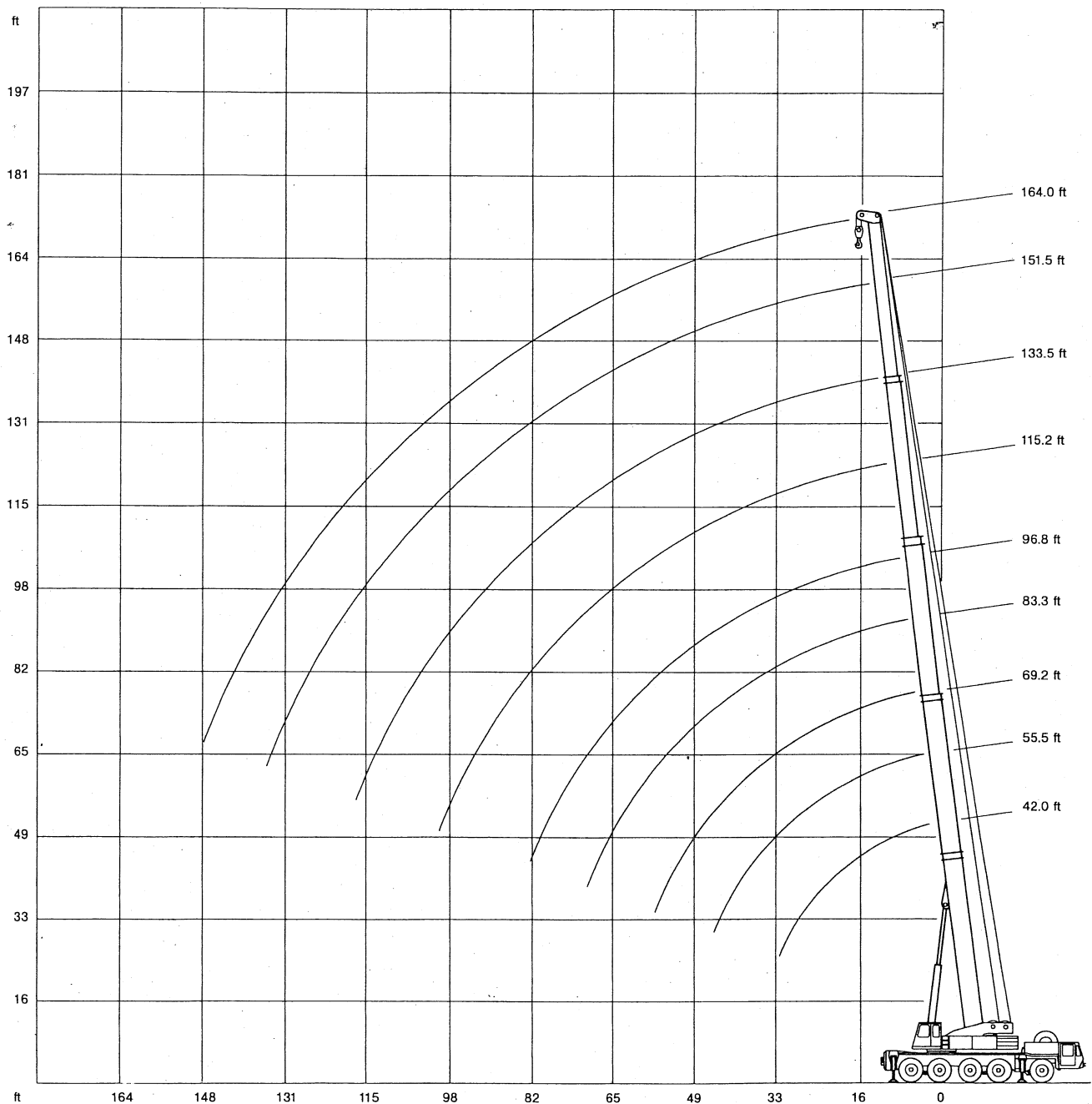
S/B  
Train  
Tandem

\*Restricted travel on some secondary roads

\*\* Block, ball, counterweight and jib are always removed and hauled separately. Trailer types and numbers dependant on amount of counterweight and/or jib required.



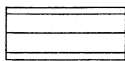
## Working range main boom





## Lifting capacities main boom in 1,000 lb

103,000 lb.

~~97,000 lb~~

360°

85%

| Radius<br>ft | Main boom                                |          |          |          |          |          |          |          |          |
|--------------|------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
|              | 42.0 ft                                  | 55.5 ft* | 69.2 ft* | 83.3 ft* | 96.8 ft* | 115.2 ft | 133.5 ft | 151.5 ft | 164.0 ft |
|              | 1,000 lb                                 |          |          |          |          |          |          |          |          |
| 10.0         | 360.0 <sup>1)</sup> /327.0 <sup>2)</sup> | 198.0    | -        | -        | -        | -        | -        | -        | -        |
| 11.0         | 308.0 <sup>2)</sup>                      | 198.0    | 198.0    | -        | -        | -        | -        | -        | -        |
| 13.0         | 277.0                                    | 198.0    | 198.0    | 165.0    | 132.0    | -        | -        | -        | -        |
| 15.0         | 251.0                                    | 198.0    | 198.0    | 164.5    | 132.0    | -        | -        | -        | -        |
| 16.0         | 243.0                                    | 198.0    | 198.0    | 161.0    | 132.0    | 83.5     | -        | -        | -        |
| 19.0         | 215.0                                    | 198.0    | 194.5    | 149.5    | 132.0    | 83.5     | 79.0     | -        | -        |
| 23.0         | 180.5                                    | 178.0    | 175.0    | 134.5    | 123.5    | 83.5     | 79.0     | 61.5     | -        |
| 26.0         | 159.5                                    | 156.5    | 155.0    | 124.5    | 116.5    | 83.5     | 78.0     | 61.5     | 46.2     |
| 29.0         | 141.0                                    | 139.5    | 137.5    | 116.0    | 109.5    | 83.5     | 75.5     | 61.5     | 46.2     |
| 33.0         | -                                        | 120.5    | 118.5    | 105.5    | 100.5    | 83.5     | 71.5     | 61.0     | 46.2     |
| 39.0         | -                                        | 98.0     | 96.5     | 91.5     | 88.0     | 75.5     | 66.5     | 57.5     | 46.2     |
| 46.0         | -                                        | -        | 75.0     | 77.0     | 75.5     | 67.0     | 60.5     | 53.3     | 46.2     |
| 52.0         | -                                        | -        | 61.5     | 63.0     | 62.5     | 60.5     | 55.7     | 49.2     | 44.2     |
| 59.0         | -                                        | -        | -        | 51.2     | 50.8     | 54.5     | 50.5     | 44.3     | 41.4     |
| 65.0         | -                                        | -        | -        | 43.5     | 42.9     | 48.4     | 45.8     | 40.7     | 38.6     |
| 72.0         | -                                        | -        | -        | -        | 35.8     | 41.4     | 41.5     | 36.9     | 35.5     |
| 79.0         | -                                        | -        | -        | -        | 29.9     | 35.5     | 35.7     | 33.6     | 32.2     |
| 85.0         | -                                        | -        | -        | -        | -        | 31.3     | 31.5     | 30.7     | 29.4     |
| 92.0         | -                                        | -        | -        | -        | -        | 27.2     | 27.4     | 27.4     | 26.8     |
| 98.0         | -                                        | -        | -        | -        | -        | 24.4     | 24.6     | 24.4     | 24.2     |
| 105.0        | -                                        | -        | -        | -        | -        | -        | 21.3     | 21.3     | 20.9     |
| 111.0        | -                                        | -        | -        | -        | -        | -        | 19.1     | 18.9     | 18.7     |
| 118.0        | -                                        | -        | -        | -        | -        | -        | -        | 16.7     | 16.1     |
| 124.0        | -                                        | -        | -        | -        | -        | -        | -        | 14.9     | 14.3     |
| 131.0        | -                                        | -        | -        | -        | -        | -        | -        | 13.0     | 12.4     |
| 138.0        | -                                        | -        | -        | -        | -        | -        | -        | -        | 10.9     |
| 144.0        | -                                        | -        | -        | -        | -        | -        | -        | -        | 9.5      |

## Boom extension sequence

|        |   |    |    |    |    |    |    |    | %   |
|--------|---|----|----|----|----|----|----|----|-----|
| Tele 1 | 0 | 45 | 90 | 68 | 90 | 60 | 75 | 90 | 100 |
| Tele 2 | 0 | 0  | 0  | 68 | 90 | 60 | 75 | 90 | 100 |
| Tele 3 | 0 | 0  | 0  | 0  | 0  | 60 | 75 | 90 | 100 |
| Tele 4 | 0 | 0  | 0  | 0  | 0  | 60 | 75 | 90 | 100 |

\*) Tele 1 pinned

1) static test load only

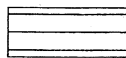
2) only over rear!

Duties above 220,000 lb with heavy-duty attachment only.



# Lifting capacities main boom in 1,000 lb

59,500 lb



360°

85%

| Main boom |              |             |             |             |             |             |             |             |             |             |             |             |         |  |  |
|-----------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|-------------------------------------------------------------------------------------|--|
| Radius    | 42.0 ft      | 55.5 ft*    | 69.2 ft*    | 83.3 ft*    | 96.8 ft*    |             | 115.2 ft    |             | 133.5 ft    |             | 151.5 ft    | 164.0 ft    | 42.0 ft | 69.2 ft                                                                             |  |
| ft        | 1,000 lb     |             |             |             |             |             |             |             |             |             |             |             |         | 1,000 lb                                                                            |  |
| 10.0      | 316.0        | 198.0       | -           | -           | -           | -           | -           | -           | -           | -           | -           | -           | -       | -                                                                                   |  |
| 11.0      | 299.0        | 198.0       | 198.0       | -           | -           | -           | -           | -           | -           | -           | -           | -           | -       | -                                                                                   |  |
| 13.0      | 268.0        | 198.0       | 198.0       | 165.0       | 77.0        | 132.0       | 77.0        | -           | -           | -           | -           | -           | -       | -                                                                                   |  |
| 15.0      | 244.0        | 198.0       | 198.0       | 164.5       | 77.0        | 132.0       | 77.0        | -           | -           | -           | -           | -           | 43.0    | 39.7                                                                                |  |
| 16.0      | 233.0        | 198.0       | 198.0       | 161.0       | 77.0        | 132.0       | 77.0        | 83.5        | 66.0        | -           | -           | -           | 40.4    | 37.1                                                                                |  |
| 19.0      | 200.0        | 191.5       | 190.5       | 149.5       | 77.0        | 132.0       | 77.0        | 83.5        | 66.0        | 79.0        | 41.8        | -           | 34.0    | 30.5                                                                                |  |
| 23.0      | 164.5        | 161.5       | 160.0       | 134.5       | 77.0        | 123.5       | 76.5        | 83.5        | 64.5        | 79.0        | 41.8        | 61.5        | 27.2    | 23.7                                                                                |  |
| 26.0      | 143.0        | 140.0       | 138.0       | 124.5       | 77.0        | 116.5       | 73.0        | 83.5        | 61.5        | 78.0        | 41.8        | 61.5        | 23.2    | 19.9                                                                                |  |
| 29.0      | <u>125.5</u> | 122.5       | 120.0       | 116.0       | 77.0        | 109.5       | 69.0        | 83.5        | 58.3        | 75.5        | 41.8        | 61.5        | 19.9    | 16.6                                                                                |  |
| 33.0      | -            | 98.5        | 96.0        | 98.0        | 72.5        | 97.5        | 64.5        | 83.5        | 54.0        | 71.5        | 41.7        | 61.0        | -       | 12.8                                                                                |  |
| 39.0      | -            | <u>73.5</u> | 71.5        | 73.5        | 65.5        | 72.5        | 57.3        | 75.5        | 47.9        | 66.5        | 37.3        | 57.5        | -       | 8.8                                                                                 |  |
| 46.0      | -            | -           | <u>53.2</u> | 54.7        | 55.4        | 54.3        | 50.6        | 60.5        | 41.3        | 60.5        | 32.5        | 53.3        | -       | 5.0                                                                                 |  |
| 52.0      | -            | -           | 42.7        | <u>44.2</u> | <u>48.0</u> | <u>43.6</u> | 45.8        | 49.8        | 36.5        | 50.2        | 28.9        | 49.2        | -       | 2.6                                                                                 |  |
| 59.0      | -            | -           | -           | 34.6        | 41.0        | 34.2        | 39.7        | <u>40.2</u> | 32.0        | 40.4        | 25.6        | 40.4        | -       | -                                                                                   |  |
| 65.0      | -            | -           | -           | 28.2        | 35.8        | 27.7        | <u>35.2</u> | 33.9        | 28.7        | <u>34.3</u> | 23.5        | 34.3        | -       | -                                                                                   |  |
| 72.0      | -            | -           | -           | -           | -           | 21.7        | 30.5        | 28.1        | 26.2        | 28.3        | 21.2        | <u>28.3</u> | -       | -                                                                                   |  |
| 79.0      | -            | -           | -           | -           | -           | 17.0        | 26.0        | 23.2        | 23.5        | 23.4        | 19.3        | 23.4        | -       | -                                                                                   |  |
| 85.0      | -            | -           | -           | -           | -           | -           | -           | 19.7        | <u>21.9</u> | 20.0        | 18.1        | 20.0        | -       | -                                                                                   |  |
| 92.0      | -            | -           | -           | -           | -           | -           | -           | 16.7        | 19.7        | 16.9        | 16.9        | 16.9        | -       | -                                                                                   |  |
| 98.0      | -            | -           | -           | -           | -           | -           | -           | 14.2        | 17.5        | 14.2        | <u>15.7</u> | 14.2        | -       | -                                                                                   |  |
| 105.0     | -            | -           | -           | -           | -           | -           | -           | -           | -           | 11.9        | 14.5        | 11.9        | -       | -                                                                                   |  |
| 111.0     | -            | -           | -           | -           | -           | -           | -           | -           | -           | 10.0        | 13.5        | 10.0        | -       | -                                                                                   |  |
| 118.0     | -            | -           | -           | -           | -           | -           | -           | -           | -           | -           | -           | 8.1         | -       | -                                                                                   |  |
| 124.0     | -            | -           | -           | -           | -           | -           | -           | -           | -           | -           | -           | 7.9         | -       | -                                                                                   |  |
| 131.0     | -            | -           | -           | -           | -           | -           | -           | -           | -           | -           | -           | 6.7         | -       | -                                                                                   |  |
| 138.0     | -            | -           | -           | -           | -           | -           | -           | -           | -           | -           | -           | 5.5         | -       | -                                                                                   |  |
| 144.0     | -            | -           | -           | -           | -           | -           | -           | -           | -           | -           | -           | 4.9         | -       | -                                                                                   |  |
|           |              |             |             |             |             |             |             |             |             |             |             | 3.7         | -       | -                                                                                   |  |
|           |              |             |             |             |             |             |             |             |             |             |             | 2.7         | -       | -                                                                                   |  |

## Boom extension sequence

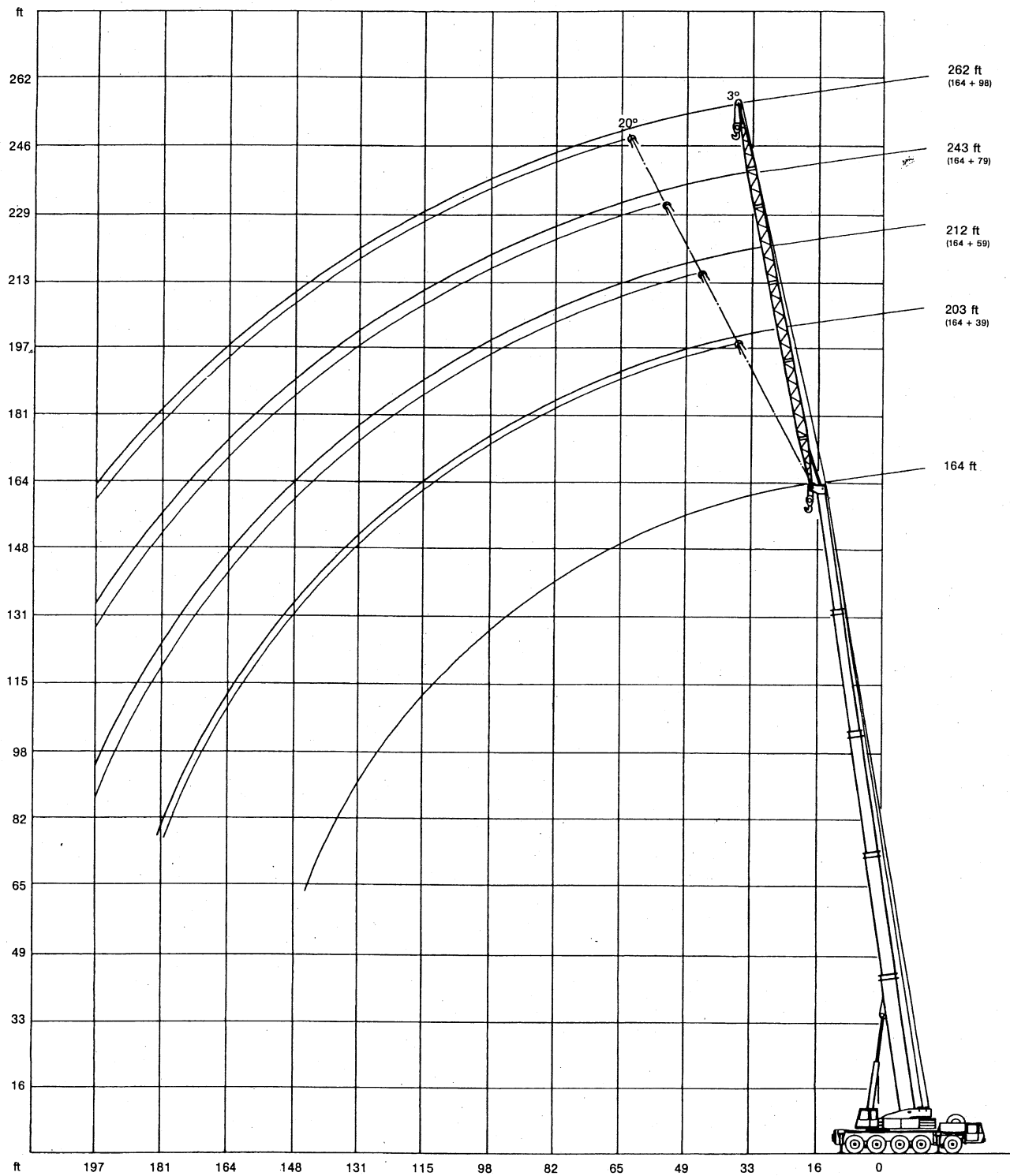
|        |   |    |    |    |    |    |    |    |    |    |     |    |     |   | %  |  |
|--------|---|----|----|----|----|----|----|----|----|----|-----|----|-----|---|----|--|
| Tele 1 | 0 | 45 | 90 | 68 | 0  | 90 | 0  | 60 | 0  | 75 | 0   | 90 | 100 | 0 | 90 |  |
| Tele 2 | 0 | 0  | 0  | 68 | 45 | 90 | 60 | 60 | 80 | 75 | 100 | 90 | 100 | 0 | 0  |  |
| Tele 3 | 0 | 0  | 0  | 0  | 45 | 0  | 60 | 60 | 80 | 75 | 100 | 90 | 100 | 0 | 0  |  |
| Tele 4 | 0 | 0  | 0  | 0  | 45 | 0  | 60 | 60 | 80 | 75 | 100 | 90 | 100 | 0 | 0  |  |

\*) Tele 1 pinned

Duties above 220,000 lb with heavy-duty attachment only.



## Working range fixed fly jib



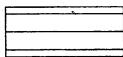


# Lifting capacities fixed fly jib in 1,000 lb

Main boom: 164 ft

103,000 lb

~~97,000 lb~~

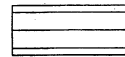


360° 85%

Fixed fly jib

| Radius | 39.0 ft  |  | 59.0 ft |  |
|--------|----------|--|---------|--|
|        | 3°       |  | 3°      |  |
| ft     | 1,000 lb |  |         |  |
| 33     | 24.2     |  | -       |  |
| 39     | 23.8     |  | 18.7    |  |
| 46     | 22.9     |  | 17.8    |  |
| 52     | 21.9     |  | 17.2    |  |
| 59     | 20.9     |  | 16.7    |  |
| 65     | 19.9     |  | 15.9    |  |
| 72     | 18.9     |  | 15.2    |  |
| 79     | 17.6     |  | 14.5    |  |
| 85     | 16.7     |  | 13.7    |  |
| 92     | 15.6     |  | 12.9    |  |
| 98     | 14.8     |  | 12.1    |  |
| 105    | 13.8     |  | 11.4    |  |
| 111    | 13.2     |  | 10.8    |  |
| 118    | 12.3     |  | 10.1    |  |
| 124    | 11.7     |  | 9.5     |  |
| 131    | 11.0     |  | 9.0     |  |
| 138    | 10.3     |  | 8.1     |  |
| 144    | 9.7      |  | 7.7     |  |
| 151    | 9.2      |  | 7.2     |  |
| 157    | 8.0      |  | 7.0     |  |
| 164    | 7.0      |  | 6.3     |  |
| 170    | 6.0      |  | 6.1     |  |
| 177    | 4.8      |  | 5.3     |  |
| 184    | -        |  | 4.3     |  |
| 190    | -        |  | 3.7     |  |

59,500 lb

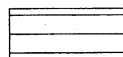


360° 85%

Fixed fly jib

| Radius | 39.0 ft  |      | 59.0 ft |      | 79.0 ft |     | 98.0 ft |     |
|--------|----------|------|---------|------|---------|-----|---------|-----|
|        | 3°       | 20°  | 3°      | 20°  | 3°      | 20° | 3°      | 20° |
| ft     | 1,000 lb |      |         |      |         |     |         |     |
| 33     | 24.2     | -    | -       | -    | -       | -   | -       | -   |
| 39     | 23.8     | -    | 18.7    | -    | -       | -   | -       | -   |
| 46     | 22.9     | -    | 17.8    | -    | 13.8    | -   | -       | -   |
| 52     | 21.9     | 17.4 | 17.2    | -    | 13.2    | -   | 9.9     | -   |
| 59     | 20.9     | 16.5 | 16.7    | 12.5 | 12.7    | -   | 9.7     | -   |
| 65     | 19.9     | 15.7 | 15.9    | 12.1 | 11.9    | -   | 9.3     | -   |
| 72     | 18.9     | 15.0 | 15.2    | 11.6 | 11.4    | 8.8 | 8.8     | -   |
| 79     | 17.6     | 14.2 | 14.5    | 11.2 | 10.9    | 8.3 | 8.1     | -   |
| 85     | 16.7     | 13.2 | 13.7    | 10.8 | 10.1    | 8.1 | 7.9     | 6.1 |
| 92     | 15.6     | 12.1 | 12.9    | 10.1 | 9.6     | 7.7 | 7.4     | 5.9 |
| 98     | 14.8     | 11.5 | 12.1    | 9.7  | 9.2     | 7.5 | 7.0     | 5.7 |
| 105    | 13.2     | 10.8 | 11.4    | 9.2  | 8.8     | 7.2 | 6.8     | 5.5 |
| 111    | 11.4     | 9.9  | 10.8    | 8.6  | 8.2     | 6.8 | 6.4     | 5.1 |
| 118    | 9.2      | 9.2  | 9.9     | 8.1  | 7.7     | 6.6 | 5.9     | 4.8 |
| 124    | 7.8      | 8.4  | 8.3     | 7.7  | 7.3     | 6.2 | 5.5     | 4.6 |
| 131    | 6.2      | 7.3  | 7.0     | 7.2  | 6.8     | 5.7 | 5.0     | 4.4 |
| 138    | 4.8      | 5.9  | 5.2     | 6.7  | 6.1     | 5.2 | 4.8     | 4.1 |
| 144    | 3.8      | 4.7  | 4.4     | 5.5  | 4.9     | 4.8 | 4.4     | 3.9 |
| 151    | 2.6      | 3.2  | 3.2     | 4.3  | 3.9     | 4.6 | 4.1     | 3.3 |
| 157    | -        | 2.4  | 2.4     | 3.3  | 2.9     | 4.2 | 3.3     | 3.1 |
| 164    | -        | -    | -       | 2.4  | -       | 3.3 | 2.4     | 2.8 |
| 170    | -        | -    | -       | -    | -       | 2.7 | -       | 2.4 |
| 177    | -        | -    | -       | -    | -       | -   | -       | 2.2 |

42,000 lb

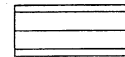


360° 85%

Fixed fly jib

| Radius | 39.0 ft  |      | 59.0 ft |      | 79.0 ft |     | 98.0 ft |     |
|--------|----------|------|---------|------|---------|-----|---------|-----|
|        | 3°       | 20°  | 3°      | 20°  | 3°      | 20° | 3°      | 20° |
| ft     | 1,000 lb |      |         |      |         |     |         |     |
| 33     | 24.2     | -    | -       | -    | -       | -   | -       | -   |
| 39     | 23.8     | -    | 18.7    | -    | -       | -   | -       | -   |
| 46     | 22.9     | -    | 17.8    | -    | 13.8    | -   | -       | -   |
| 52     | 21.9     | 17.4 | 17.2    | -    | 13.2    | -   | 9.9     | -   |
| 59     | 20.9     | 16.5 | 16.7    | 12.5 | 12.7    | -   | 9.7     | -   |
| 65     | 19.9     | 15.7 | 15.9    | 12.1 | 11.9    | -   | 9.3     | -   |
| 72     | 18.9     | 15.0 | 15.2    | 11.6 | 11.4    | 8.8 | 8.8     | -   |
| 79     | 17.5     | 14.2 | 14.5    | 11.2 | 10.9    | 8.3 | 8.1     | -   |
| 85     | 14.6     | 13.2 | 13.7    | 10.8 | 10.1    | 8.1 | 7.9     | 6.1 |
| 92     | 11.8     | 12.1 | 11.8    | 10.1 | 9.6     | 7.7 | 7.4     | 5.9 |
| 98     | 9.8      | 11.5 | 10.0    | 9.7  | 9.2     | 7.5 | 7.0     | 5.7 |
| 105    | 7.7      | 9.2  | 7.9     | 9.2  | 8.1     | 7.2 | 6.8     | 5.5 |
| 111    | 6.1      | 7.4  | 6.5     | 8.6  | 6.9     | 6.8 | 6.4     | 5.1 |
| 118    | 4.4      | 5.7  | 4.8     | 7.0  | 5.1     | 6.6 | 5.0     | 4.8 |
| 124    | 3.2      | 4.3  | 3.8     | 5.4  | 4.0     | 6.2 | 4.0     | 4.6 |
| 131    | -        | 2.9  | 2.4     | 4.2  | 2.9     | 5.1 | 2.9     | 4.4 |
| 138    | -        | -    | -       | 2.8  | -       | 3.9 | -       | 4.1 |
| 144    | -        | -    | -       | -    | -       | 2.9 | -       | 3.3 |
| 151    | -        | -    | -       | -    | -       | -   | -       | 2.4 |

24,200 lb



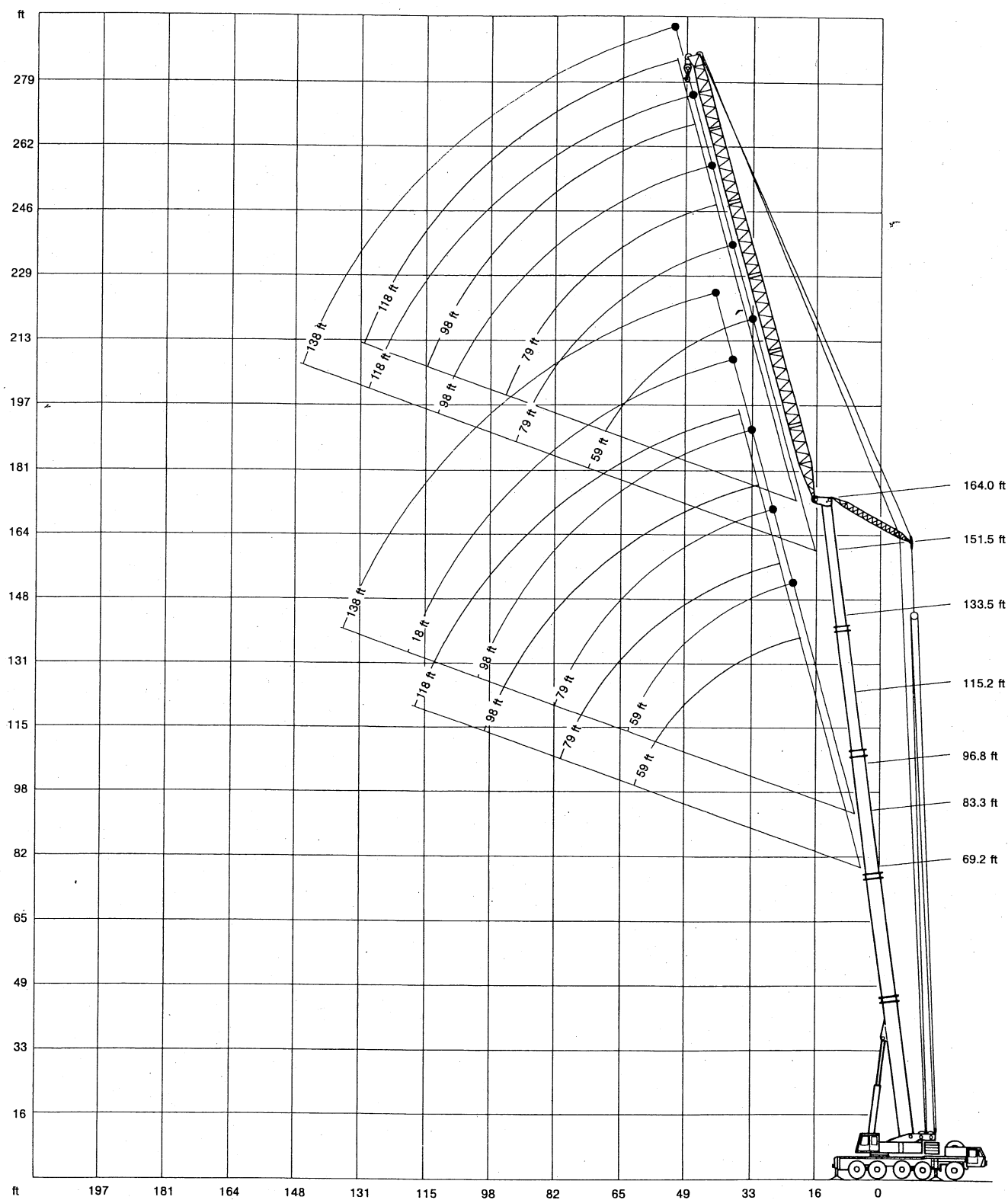
360° 85%

Fixed fly jib

| Radius | 39.0 ft  |      | 59.0 ft |      | 79.0 ft |     | 98.0 ft |     |
|--------|----------|------|---------|------|---------|-----|---------|-----|
|        | 3°       | 20°  | 3°      | 20°  | 3°      | 20° | 3°      | 20° |
| ft     | 1,000 lb |      |         |      |         |     |         |     |
| 33     | 24.2     | -    | -       | -    | -       | -   | -       | -   |
| 39     | 23.8     | -    | 18.7    | -    | -       | -   | -       | -   |
| 46     | 22.9     | -    | 17.8    | -    | 13.8    | -   | -       | -   |
| 52     | 21.9     | 17.4 | 17.2    | -    | 13.2    | -   | 9.9     | -   |
| 59     | 20.9     | 16.5 | 16.7    | 12.5 | 12.7    | -   | 9.7     | -   |
| 65     | 19.1     | 15.7 | 15.9    | 12.1 | 11.9    | -   | 9.3     | -   |
| 72     | 15.3     | 15.0 | 15.2    | 11.6 | 11.4    | 8.8 | 8.8     | -   |
| 79     | 11.8     | 14.2 | 11.8    | 11.2 | 10.9    | 8.3 | 8.1     | -   |
| 85     | 9.5      | 11.5 | 9.5     | 10.8 | 9.7     | 8.1 | 7.9     | 6.1 |
| 92     | 7.2      | 9.2  | 7.4     | 10.1 | 7.4     | 7.7 | 7.4     | 5.9 |
| 98     | 5.4      | 7.4  | 5.4     | 8.2  | 5.8     | 7.5 | 5.8     | 5.7 |
| 105    | 3.7      | 5.5  | 3.9     | 6.6  | 4.1     | 7.2 | 4.1     | 5.5 |
| 111    | 2.5      | 4.0  | 2.7     | 4.7  | 2.7     | 5.8 | 2.7     | 5.1 |
| 118    | -        | 2.4  | -       | 3.3  | -       | 4.2 | -       | 4.8 |
| 124    | -        | -    | -       | 2.3  | -       | 3.0 | -       | 3.8 |
| 131    | -        | -    | -       | -    | -       | -   | -       | 2.4 |

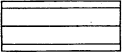


## Working range luffing fly jib, main boom 83°



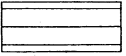


## Lifting capacities luffing fly jib, main boom 83°, in 1,000 lb

59,500 lb  360° 75%

| Luffing fly jib |        |          |         |         |          |          |
|-----------------|--------|----------|---------|---------|----------|----------|
| Boom            | Radius | 59.0 ft  | 79.0 ft | 98.0 ft | 118.0 ft | 138.0 ft |
|                 | ft     | 1,000 lb |         |         |          |          |
| 69.2 ft*        | 26     | 68.0     | -       | -       | -        | -        |
|                 | 29     | 67.0     | -       | -       | -        | -        |
|                 | 33     | 65.5     | 52.7    | -       | -        | -        |
|                 | 39     | 54.0     | 48.7    | 37.6    | -        | -        |
|                 | 46     | 44.0     | 45.1    | 35.2    | 24.9     | -        |
|                 | 52     | 37.5     | 40.7    | 33.2    | 23.8     | -        |
|                 | 59     | 27.8     | 34.8    | 30.4    | 22.4     | -        |
|                 | 65     | -        | 30.6    | 28.6    | 21.0     | -        |
|                 | 72     | -        | 25.7    | 26.0    | 19.6     | -        |
|                 | 79     | -        | -       | 24.1    | 18.2     | -        |
|                 | 85     | -        | -       | 22.1    | 17.2     | -        |
|                 | 92     | -        | -       | 17.5    | 16.0     | -        |
| 83.3 ft*        | 98     | -        | -       | -       | 15.0     | -        |
|                 | 105    | -        | -       | -       | 13.8     | -        |
|                 | 111    | -        | -       | -       | 12.6     | -        |
|                 | 26     | 59.5     | -       | -       | -        | -        |
|                 | 29     | 59.5     | -       | -       | -        | -        |
|                 | 33     | 59.4     | 42.9    | -       | -        | -        |
|                 | 39     | 56.4     | 41.9    | 32.0    | -        | -        |
|                 | 46     | 47.9     | 39.6    | 30.4    | 23.1     | -        |
|                 | 52     | 40.5     | 38.0    | 29.2    | 22.1     | 13.2     |
|                 | 59     | 32.9     | 35.9    | 27.5    | 21.1     | 13.0     |
|                 | 65     | -        | 32.5    | 26.1    | 20.3     | 12.6     |
|                 | 72     | -        | 28.3    | 24.7    | 19.2     | 12.3     |
| 96.8 ft*        | 79     | -        | 21.3    | 23.0    | 18.0     | 11.8     |
|                 | 85     | -        | -       | 21.4    | 17.0     | 11.4     |
|                 | 92     | -        | -       | 19.0    | 15.8     | 10.7     |
|                 | 98     | -        | -       | 14.8    | 14.8     | 10.3     |
|                 | 105    | -        | -       | -       | 13.6     | 9.6      |
|                 | 111    | -        | -       | -       | 12.6     | 9.0      |
|                 | 118    | -        | -       | -       | -        | 8.3      |
|                 | 124    | -        | -       | -       | -        | 7.7      |
|                 | 131    | -        | -       | -       | -        | 7.0      |
|                 | 29     | 50.7     | -       | -       | -        | -        |
|                 | 33     | 50.7     | -       | -       | -        | -        |
|                 | 39     | 50.7     | 35.3    | -       | -        | -        |
|                 | 46     | 48.8     | 34.1    | 26.4    | -        | -        |
|                 | 52     | 42.2     | 33.1    | 25.8    | 19.8     | -        |
|                 | 59     | 35.1     | 31.5    | 24.9    | 19.6     | 11.0     |
|                 | 65     | -        | 30.5    | 23.5    | 19.0     | 11.0     |
|                 | 72     | -        | 29.1    | 22.0    | 18.1     | 11.0     |
|                 | 79     | -        | 23.3    | 20.9    | 17.1     | 11.0     |
|                 | 85     | -        | -       | 19.8    | 16.3     | 11.0     |
|                 | 92     | -        | -       | 18.4    | 14.9     | 10.5     |
|                 | 98     | -        | -       | 16.8    | 14.3     | 10.1     |
|                 | 105    | -        | -       | -       | 13.2     | 9.4      |
|                 | 111    | -        | -       | -       | 12.4     | 8.6      |
|                 | 118    | -        | -       | -       | 11.4     | 8.1      |
|                 | 124    | -        | -       | -       | -        | 7.5      |
|                 | 131    | -        | -       | -       | -        | 6.8      |

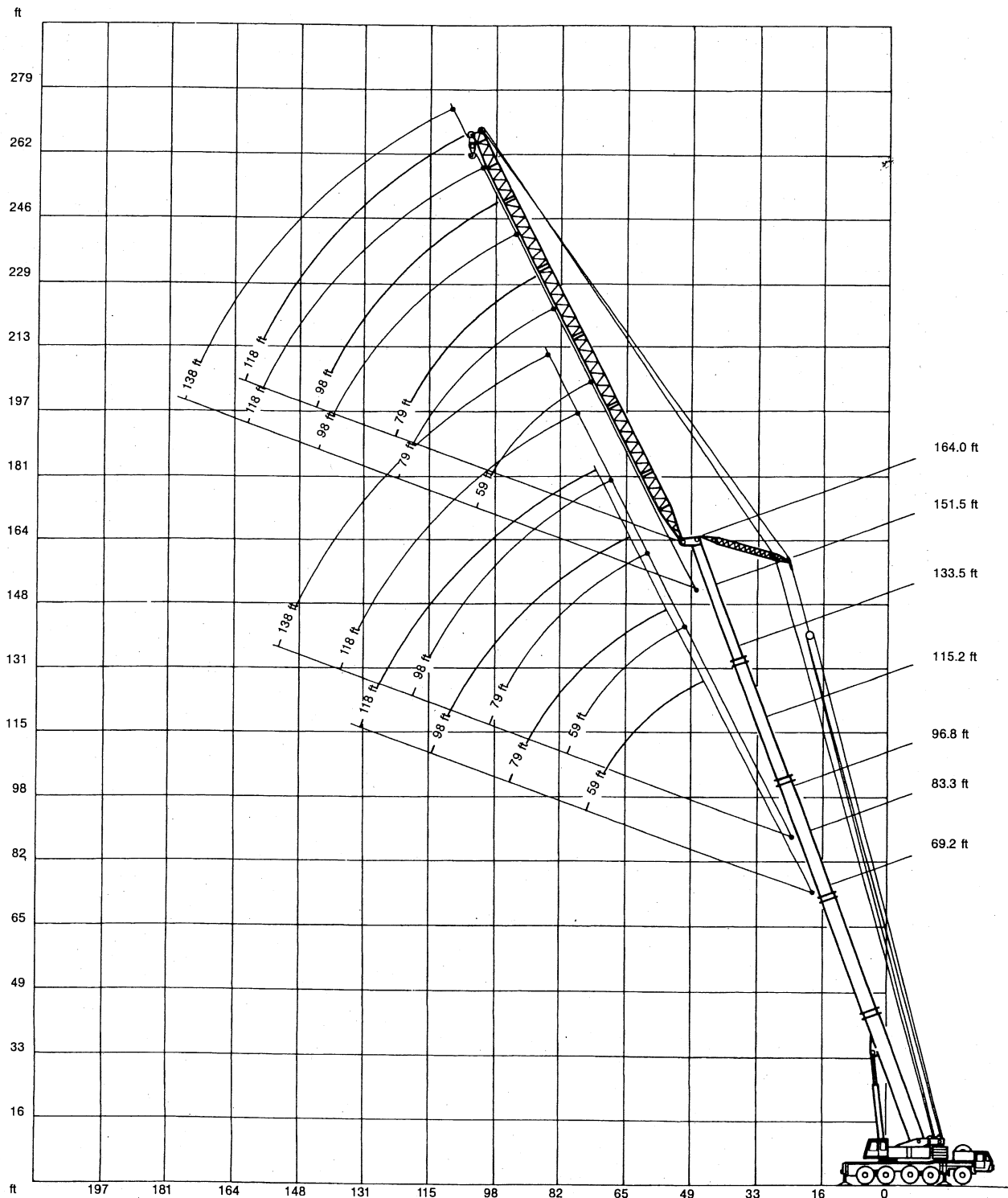
\* Tele 1 verbolzt - pinned - verrouillé

59,500 lb  360° 75%

| Luffing fly jib |        |          |         |         |          |          |
|-----------------|--------|----------|---------|---------|----------|----------|
| Boom            | Radius | 59.0 ft  | 79.0 ft | 98.0 ft | 118.0 ft | 138.0 ft |
|                 | ft     | 1,000 lb |         |         |          |          |
| 115.2 ft        | 33     | 37.4     | -       | -       | -        | -        |
|                 | 39     | 36.6     | 27.6    | -       | -        | -        |
|                 | 46     | 35.0     | 26.6    | 20.4    | -        | -        |
|                 | 52     | 30.9     | 26.0    | 19.8    | 16.1     | -        |
|                 | 59     | 25.8     | 25.3    | 19.1    | 15.2     | 8.3      |
|                 | 65     | 20.4     | 24.7    | 18.5    | 14.6     | 8.3      |
|                 | 72     | -        | 21.6    | 17.8    | 14.1     | 8.3      |
|                 | 79     | -        | 18.1    | 17.1    | 13.4     | 8.3      |
|                 | 85     | -        | -       | 16.5    | 12.8     | 8.3      |
|                 | 92     | -        | -       | 15.8    | 12.3     | 8.3      |
|                 | 98     | -        | -       | 13.4    | 11.9     | 8.3      |
|                 | 105    | -        | -       | -       | 11.2     | 8.3      |
| 133.5 ft        | 111    | -        | -       | -       | 10.8     | 7.7      |
|                 | 118    | -        | -       | -       | 9.7      | 7.2      |
|                 | 124    | -        | -       | -       | -        | 6.8      |
|                 | 131    | -        | -       | -       | -        | 6.1      |
|                 | 138    | -        | -       | -       | -        | 5.4      |
|                 | 39     | 27.1     | 20.7    | -       | -        | -        |
|                 | 46     | 25.7     | 20.0    | 16.0    | -        | -        |
|                 | 52     | 24.9     | 19.4    | 15.6    | 11.4     | -        |
|                 | 59     | 24.0     | 18.7    | 14.9    | 11.0     | 5.5      |
|                 | 65     | 22.4     | 18.1    | 14.5    | 10.8     | 5.5      |
|                 | 72     | -        | 17.6    | 14.1    | 10.3     | 5.5      |
|                 | 79     | -        | 17.1    | 13.8    | 10.1     | 5.5      |
| 151.5 ft        | 85     | -        | 15.9    | 13.4    | 9.9      | 5.5      |
|                 | 92     | -        | -       | 13.0    | 9.6      | 5.5      |
|                 | 98     | -        | -       | 12.8    | 9.4      | 5.5      |
|                 | 105    | -        | -       | 11.4    | 9.0      | 5.5      |
|                 | 111    | -        | -       | -       | 8.8      | 5.5      |
|                 | 118    | -        | -       | -       | 8.6      | 5.5      |
|                 | 124    | -        | -       | -       | -        | 5.5      |
|                 | 131    | -        | -       | -       | -        | 5.5      |
|                 | 138    | -        | -       | -       | -        | 5.5      |
|                 | 39     | 22.1     | -       | -       | -        | -        |
|                 | 46     | 20.9     | 15.8    | -       | -        | -        |
|                 | 52     | 19.9     | 15.4    | 11.0    | -        | -        |
| 164.0 ft        | 59     | 19.1     | 15.2    | 11.0    | 5.5      | -        |
|                 | 65     | 18.3     | 15.0    | 11.0    | 5.5      | 2.2      |
|                 | 72     | -        | 14.5    | 11.0    | 5.5      | 2.2      |
|                 | 79     | -        | 14.3    | 10.7    | 5.5      | 2.2      |
|                 | 85     | -        | 14.1    | 10.5    | 5.5      | 2.2      |
|                 | 92     | -        | -       | 10.3    | 5.5      | 2.2      |
|                 | 98     | -        | -       | 9.9     | 5.5      | 2.2      |
|                 | 105    | -        | -       | 9.6     | 5.5      | 2.2      |
|                 | 111    | -        | -       | -       | 5.5      | 2.2      |
|                 | 118    | -        | -       | -       | 5.5      | 2.2      |
|                 | 124    | -        | -       | -       | 5.5      | 2.2      |
|                 | 131    | -        | -       | -       | -        | 2.2      |
|                 | 138    | -        | -       | -       | -        | 2.2      |
| 164.0 ft        | 39     | -        | -       | -       | -        | -        |
|                 | 46     | -        | 11.2    | -       | -        | -        |
|                 | 52     | -        | 11.2    | 7.7     | -        | -        |
|                 | 59     | -        | 11.2    | 7.7     | 2.2      | -        |
|                 | 65     | -        | 11.2    | 7.7     | 2.2      | -        |
|                 | 72     | -        | 11.2    | 7.7     | 2.2      | -        |
|                 | 79     | -        | 11.2    | 7.7     | 2.2      | -        |
|                 | 85     | -        | 10.8    | 7.7     | 2.2      | -        |
|                 | 92     | -        | -       | 7.7     | 2.2      | -        |
|                 | 98     | -        | -       | 7.7     | 2.2      | -        |
|                 | 105    | -        | -       | 7.7     | 2.2      | -        |
|                 | 111    | -        | -       | -       | 2.2      | -        |
|                 | 118    | -        | -       | -       | 2.2      | -        |
|                 | 124    | -        | -       | -       | 2.2      | -        |

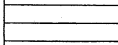


## Working range luffing fly jib, main boom 70°



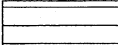


## Lifting capacities luffing fly jib, main boom 70°, in 1,000 lb

59,500 lb   360° 75%

| Boom     | Radius | Luffing fly jib |         |         |          |
|----------|--------|-----------------|---------|---------|----------|
|          |        | 59.0 ft         | 79.0 ft | 98.0 ft | 138.0 ft |
|          | ft     | 1,000 lb        |         |         |          |
| 69.2 ft* | 52     | 46.5            | -       | -       | -        |
|          | 59     | 39.5            | -       | -       | -        |
|          | 65     | 35.0            | 34.5    | -       | -        |
|          | 72     | 30.7            | 30.3    | 26.0    | -        |
|          | 79     | -               | 27.0    | 24.1    | -        |
|          | 85     | -               | 24.5    | 22.1    | 17.0     |
|          | 92     | -               | 22.2    | 20.2    | 15.8     |
|          | 98     | -               | -       | 19.2    | 14.8     |
|          | 105    | -               | -       | 18.2    | 13.6     |
|          | 111    | -               | -       | 17.0    | 12.6     |
| 83.3 ft* | 118    | -               | -       | -       | 12.3     |
|          | 124    | -               | -       | -       | 12.1     |
|          | 59     | 38.1            | -       | -       | -        |
|          | 65     | 33.7            | 33.2    | -       | -        |
|          | 72     | 29.6            | 29.2    | -       | -        |
|          | 79     | 26.3            | 25.9    | 23.0    | -        |
|          | 85     | -               | 23.4    | 21.4    | 17.0     |
|          | 92     | -               | 21.3    | 19.8    | 15.8     |
|          | 98     | -               | 19.7    | 18.3    | 14.8     |
|          | 105    | -               | -       | 17.4    | 13.6     |
| 96.8 ft* | 111    | -               | -       | 16.2    | 12.6     |
|          | 118    | -               | -       | -       | 12.3     |
|          | 124    | -               | -       | -       | 12.1     |
|          | 131    | -               | -       | -       | 11.7     |
|          | 138    | -               | -       | -       | 6.8      |
|          | 144    | -               | -       | -       | 6.4      |
|          | 151    | -               | -       | -       | 6.1      |
|          | 65     | 31.8            | -       | -       | -        |
|          | 72     | 27.8            | 27.4    | -       | -        |
|          | 79     | 24.8            | 24.3    | -       | -        |
|          | 85     | -               | 22.1    | 19.9    | -        |
|          | 92     | -               | 20.0    | 18.4    | 14.0     |
|          | 98     | -               | 18.4    | 17.2    | 13.2     |
|          | 105    | -               | -       | 16.3    | 12.7     |
|          | 111    | -               | -       | 15.1    | 12.1     |
|          | 118    | -               | -       | 13.9    | 11.6     |
|          | 124    | -               | -       | -       | 11.2     |
|          | 131    | -               | -       | -       | 10.8     |
|          | 138    | -               | -       | -       | 10.3     |
|          | 144    | -               | -       | -       | 5.9      |
|          | 151    | -               | -       | -       | 5.7      |
|          | 157    | -               | -       | -       | 5.5      |

\* Tele 1 verbolzt · pinned · verrouillé

59,500 lb   360° 75%

| Boom     | Radius | Luffing fly jib |         |         |          |
|----------|--------|-----------------|---------|---------|----------|
|          |        | 59.0 ft         | 79.0 ft | 98.0 ft | 138.0 ft |
|          | ft     | 1,000 lb        |         |         |          |
| 115.2 ft | 72     | 28.3            | -       | -       | -        |
|          | 79     | 25.0            | -       | -       | -        |
|          | 85     | 22.8            | 22.3    | -       | -        |
|          | 92     | -               | 20.2    | 15.8    | -        |
|          | 98     | -               | 18.6    | 15.0    | 11.9     |
|          | 105    | -               | 16.9    | 14.7    | 11.2     |
|          | 111    | -               | -       | 14.3    | 10.8     |
|          | 118    | -               | -       | 13.8    | 10.1     |
|          | 124    | -               | -       | 13.2    | 9.7      |
|          | 131    | -               | -       | -       | 9.2      |
| 133.5 ft | 138    | -               | -       | -       | 9.0      |
|          | 144    | -               | -       | -       | 8.6      |
|          | 151    | -               | -       | -       | 5.0      |
|          | 157    | -               | -       | -       | 4.8      |
|          | 164    | -               | -       | -       | 4.6      |
|          | 79     | 22.0            | -       | -       | -        |
|          | 85     | 21.2            | 16.7    | -       | -        |
|          | 92     | 19.3            | 16.0    | -       | -        |
|          | 98     | -               | 15.8    | 12.8    | -        |
|          | 105    | -               | 15.6    | 12.5    | 9.0      |
| 151.5 ft | 111    | -               | 14.8    | 12.3    | 8.8      |
|          | 118    | -               | -       | 12.1    | 8.6      |
|          | 124    | -               | -       | 11.9    | 8.4      |
|          | 131    | -               | -       | 11.4    | 7.9      |
|          | 138    | -               | -       | -       | 7.4      |
|          | 144    | -               | -       | -       | 7.2      |
|          | 151    | -               | -       | -       | 7.0      |
|          | 157    | -               | -       | -       | 4.4      |
|          | 164    | -               | -       | -       | 4.1      |
|          | 170    | -               | -       | -       | 4.1      |
| 164.0 ft | 85     | 13.2            | -       | -       | -        |
|          | 92     | 13.2            | -       | -       | -        |
|          | 98     | 13.2            | 12.7    | -       | -        |
|          | 105    | -               | 12.7    | 9.7     | -        |
|          | 111    | -               | 12.7    | 9.7     | 4.8      |
|          | 118    | -               | 12.5    | 9.4     | 4.8      |
|          | 124    | -               | -       | 9.4     | 4.8      |
|          | 131    | -               | -       | 9.2     | 4.8      |
|          | 138    | -               | -       | 9.0     | 4.8      |
|          | 144    | -               | -       | -       | 4.8      |
|          | 151    | -               | -       | -       | 4.8      |
|          | 157    | -               | -       | -       | 4.8      |
|          | 164    | -               | -       | -       | 2.2      |
|          | 170    | -               | -       | -       | 2.2      |
|          | 177    | -               | -       | -       | 2.2      |
|          | 98     | -               | 9.2     | -       | -        |
|          | 105    | -               | 8.8     | 5.7     | -        |
|          | 111    | -               | 8.6     | 5.7     | -        |
|          | 118    | -               | 8.3     | 5.7     | 2.2      |
|          | 124    | -               | 8.3     | 5.7     | 2.2      |
|          | 131    | -               | -       | 5.7     | 2.2      |
|          | 138    | -               | -       | 5.7     | 2.2      |
|          | 144    | -               | -       | 5.7     | 2.2      |
|          | 151    | -               | -       | -       | 2.2      |
|          | 157    | -               | -       | -       | 2.2      |