

40 FT. BOOM
RATED LIFTING CAPACITIES

| RADIUS IN FEET | BOOM ANGLE | CAPACITY ON OUTRIGGERS | CAPACITY ON RUBBER WITH SPRINGS--BLOCKED |
|----------------|------------|------------------------|--|
| 10 | 73° | 10,000 | 3000 |
| 12 | 70° | 8,000 | 2500 |
| 15 | 66° | 7,000 | 1850 |
| 20 | 58° | 4,000 | 1200 |
| 25 | 50° | 3,500 | — |
| 30 | 40° | 2,500 | — |
| 35 | 28° | 2,000 | — |
| 40 | 0° | 1,600 | — |

| RATED CAPACITIES — 40 FT. BOOM PLUS 18 FT. JIB | | | | |
|--|-----------|----------|------------|----------|
| BOOM ANGLE | NO OFFSET | | 30° OFFSET | |
| | RADIUS | CAPACITY | RADIUS | CAPACITY |
| 75° | 10 | 6350 | 21 | 2350 |
| 60° | 27 | 3000 | 24 | 1925 |
| 45° | 41 | 1600 | 46 | 1400 |
| 30° | 50 | 1300 | 52 | 1200 |
| 15° | 56 | 1160 | — | — |
| 0° | 58 | 1025 | — | — |

RATED LIFTING CAPACITIES

1. Tabulated capacities are based on freely hung loads and are the maximum warranted loads with the equipment on a firm and level surface.
2. Capacities will not exceed 85% of tipping.
3. Ratings "with outriggers extended" are based on the maximum extension of the outriggers with the feet of the outriggers in firm contact with the surface.
4. Ratings "on rubber with springs blocked" depends on the condition of the tires and their capacity. These loads may be transported over a surface that is firm, level and smooth at a speed of less than 3 miles per hour.
5. Due to operating conditions at some jobs, rated loads may have to be decreased. Surface conditions, wind, weather and the experience of personnel operating the equipment affect the stability of the crane. Care must be exercised by the user to insure the safety of his men and machines.
6. Excessive boom lengths create a tipping condition. Retract boom proportional to load chart.
7. Load handling devices are to be considered as part of the lifted load.
8. For loads over 7000 pounds use a full boom or with end section of boom retracted.
9. Single line capacity 6000 pounds, use 2 part line for over 6000 pounds to 10,000 pounds.
10. Rated capacities are governed by tipping. Use of a truck chassis different than specified may result in structural capacities becoming critical.
11. Use jib on single line service only.

