

# JIB LIFTING CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**4100W**

**RINGER® SERIES-3**

**JIB NO. 122A WITH 18'9" STRUT ON  
BOOM NO. 27 WITH OPEN THROAT TOP  
135,000 LB. AUXILIARY COUNTERWEIGHT**

**20 DEGREE JIB OFFSET ANGLE**

Chart supplements boom capacity chart No. 6281-A2 or No. 6733-A2. Capacities are for freely suspended loads based on tipping, strength of structural components or other factors. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, as well as adverse operating conditions & physical machine depreciation.

Capacities do not exceed **85%** of static tipping loads with machine on firm level surface. Capacities based on structural competence are denoted by shaded areas. Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Weight of all load blocks, hooks, weight ball, slings, hoist lines beneath boom and jib point sheaves, etc., including those on the main boom, is considered part of the jib load. Maximum capacity on 1-1/8" — 6x31 IPS, IWRC is 28,300 lbs./line.

| 40 FOOT JIB | JIB POINT RADIUS:<br>FEET | CAPACITIES IN POUNDS |        |        |        |        |        |        |        |        |        |        | JIB POINT RADIUS:<br>FEET |
|-------------|---------------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------------|
|             |                           | BOOM LENGTH – FEET   |        |        |        |        |        |        |        |        |        |        |                           |
|             |                           | 140                  | 160    | 180    | 200    | 220    | 240    | 260    | 280    | 300    | 320    | 340    |                           |
|             | 80 *                      | 56,600               | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 80 *                      |
|             | 85                        | 55,300               | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 85                        |
|             | 90                        | 53,200               | 55,700 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 90                        |
|             | 95                        | 51,300               | 53,800 | 56,100 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 95                        |
|             | 100                       | 49,500               | 52,000 | 54,300 | 56,400 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 100                       |
|             | 105                       | 47,900               | 50,400 | 52,700 | 54,800 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 105                       |
|             | 110                       | 46,300               | 48,900 | 51,100 | 53,200 | 55,100 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 56,600 | 110                       |
|             | 120                       | 43,600               | 46,100 | 48,400 | 50,400 | 52,300 | 54,100 | 55,800 | 56,600 | 56,600 | 56,600 | 56,600 | 120                       |
|             | 130                       | 41,300               | 43,700 | 45,900 | 48,000 | 49,900 | 51,600 | 53,300 | 54,800 | 56,200 | 56,600 | 56,600 | 130                       |
|             | 140                       | 39,300               | 41,600 | 43,700 | 45,700 | 47,600 | 49,400 | 51,000 | 52,500 | 54,000 | 55,300 | 56,600 | 140                       |
|             | 150                       |                      | 39,800 | 41,800 | 43,800 | 45,600 | 47,300 | 49,000 | 50,500 | 51,900 | 53,300 | 54,800 | 150                       |
|             | 160                       |                      |        | 40,100 | 42,000 | 43,800 | 45,500 | 47,100 | 48,600 | 50,000 | 51,400 | 52,700 | 160                       |
|             | 170                       |                      |        |        | 40,400 | 42,200 | 43,800 | 45,400 | 46,900 | 48,300 | 49,700 | 50,900 | 170                       |
|             | 180                       |                      |        |        |        | 40,700 | 42,300 | 43,900 | 45,300 | 46,700 | 48,000 | 49,300 | 180                       |
|             | 190                       |                      |        |        |        | 39,400 | 40,900 | 42,400 | 43,900 | 45,300 | 46,600 | 47,800 | 190                       |
|             | 200                       |                      |        |        |        |        | 39,700 | 41,100 | 42,500 | 43,900 | 45,200 | 46,400 | 200                       |
|             | 210                       |                      |        |        |        |        |        | 40,000 | 41,300 | 42,600 | 43,900 | 44,900 | 210                       |
|             | 220                       |                      |        |        |        |        |        |        | 40,200 | 41,500 | 42,800 | 43,800 | 220                       |
|             | 230                       |                      |        |        |        |        |        |        | 39,200 | 38,600 | 37,200 | 36,000 | 230                       |
|             | 240                       |                      |        |        |        |        |        |        |        | 35,600 | 34,200 |        | 240                       |

| 50 FOOT JIB | JIB POINT RADIUS: FEET | CAPACITIES IN POUNDS |        |        |        |        |        |        |        |        |        |        | JIB POINT RADIUS: FEET |
|-------------|------------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------------|
|             |                        | BOOM LENGTH — FEET   |        |        |        |        |        |        |        |        |        |        |                        |
|             |                        | 140                  | 160    | 180    | 200    | 220    | 240    | 260    | 280    | 300    | 320    | 340    |                        |
|             | 70                     | 52,000               | 53,500 |        |        |        |        |        |        |        |        |        | 70                     |
|             | 75                     | 49,800               | 51,400 | 52,800 | 54,100 |        |        |        |        |        |        |        | 75                     |
|             | 80                     | 47,800               | 49,500 | 51,000 | 52,300 | 53,500 |        |        |        |        |        |        | 80                     |
|             | 85                     | 46,000               | 47,700 | 49,200 | 50,600 | 51,800 | 52,900 | 53,900 |        |        |        |        | 85                     |
|             | 90                     | 44,300               | 46,100 | 47,600 | 49,000 | 50,300 | 51,400 | 52,500 | 53,400 |        |        |        | 90                     |
|             | 100                    | 41,300               | 43,100 | 44,800 | 46,200 | 47,500 | 48,700 | 49,800 | 50,800 | 51,700 | 52,600 | 53,400 | 100                    |
|             | 110                    | 38,800               | 40,600 | 42,200 | 43,700 | 45,100 | 46,300 | 47,400 | 48,500 | 49,400 | 50,300 | 51,200 | 110                    |
|             | 120                    | 36,600               | 38,400 | 40,000 | 41,500 | 42,900 | 44,100 | 45,300 | 46,400 | 47,400 | 48,300 | 49,200 | 120                    |
|             | 130                    | 34,700               | 36,400 | 38,100 | 39,500 | 40,900 | 42,200 | 43,400 | 44,500 | 45,500 | 46,400 | 47,300 | 130                    |
|             | 140                    | 33,000               | 34,700 | 36,300 | 37,800 | 39,200 | 40,400 | 41,600 | 42,700 | 43,700 | 44,700 | 45,600 | 140                    |
|             | 150                    |                      | 33,200 | 34,800 | 36,200 | 37,600 | 38,800 | 40,000 | 41,100 | 42,200 | 43,100 | 44,100 | 150                    |
|             | 160                    |                      |        | 33,400 | 34,800 | 36,100 | 37,400 | 38,600 | 39,700 | 40,700 | 41,700 | 42,600 | 160                    |
|             | 170                    |                      |        |        | 33,500 | 34,800 | 36,100 | 37,200 | 38,300 | 39,400 | 40,300 | 41,300 | 170                    |
|             | 180                    |                      |        |        | 32,400 | 33,700 | 34,900 | 36,000 | 37,100 | 38,100 | 39,100 | 40,000 | 180                    |
|             | 190                    |                      |        |        |        | 32,600 | 33,800 | 34,900 | 36,000 | 37,000 | 37,900 | 38,900 | 190                    |
|             | 200                    |                      |        |        |        |        | 32,800 | 33,900 | 34,900 | 35,900 | 36,900 | 37,800 | 200                    |
|             | 210                    |                      |        |        |        |        |        | 32,900 | 33,900 | 34,900 | 35,900 | 36,800 | 210                    |
|             | 220                    |                      |        |        |        |        |        |        | 33,000 | 34,000 | 35,000 | 35,800 | 220                    |
|             | 230                    |                      |        |        |        |        |        |        |        | 33,200 | 34,100 | 35,000 | 230                    |
|             | 240                    |                      |        |        |        |        |        |        |        | 32,400 | 33,300 |        | 240                    |

\* These capacities apply for ALL lesser radii obtainable.