Altec AC26-103B

Altec Industries, Inc., by providing pages of one of its manuals, is not providing a substitute for training on an Altec crane.

These pages are reproduced for illustration only and not as a substitute for reviewing the entire manual for a particular crane.

Make sure that you are fully trained on, and review the entire manual for, every crane you operate.

This load chart has been adapted from the original manufacturer’s load chart for use in the NCCER Mobile Crane Certification Examination. It is not to be used for calculating loads, planning lifts, or for any other purpose.
Altec AC26-103B
Hydraulic Telescopic Crane

- 26 Ton (23.6 t) Maximum Lifting Capacity
- 103 ft (31.4 m) 4-Section Boom
- Altec LMAP (Load Moment & Area Protection System)
MINIMUM CHASSIS REQUIREMENTS

<table>
<thead>
<tr>
<th></th>
<th>190 in</th>
<th>4826 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cab to Axle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gross vehicle weight rating</td>
<td>60,000 lbs</td>
<td>27,217 kg</td>
</tr>
<tr>
<td>Front axle weight rating</td>
<td>20,000 lbs</td>
<td>9,072 kg</td>
</tr>
<tr>
<td>Rear axle weight rating</td>
<td>40,000 lbs</td>
<td>18,145 kg</td>
</tr>
<tr>
<td>Wheel Base</td>
<td>258 in</td>
<td>6553 mm</td>
</tr>
</tbody>
</table>

Note: Cranes with certain options may require pusher axle to comply with highway regulations.

STANDARD SAFETY FEATURES

- Altec LMAP (Load Moment & Area Protection) System
  - Rated Capacity Limitor
  - Displays Boom Length, Angle, Load on Hook, Percent of Rated Capacity
  - Electronic Working Area Definition
  - Operator Audible Alarm Set-Points for Boom Angle, Length and Rotational Position
- Outrigger Boom Interlock System
- Outrigger Motion Alarm
- Emergency Stop at Operator Controls
- Anti-Two Block Device

RECOMMENDED FEATURES

- Wheel Chocks
- Fall Protection System (with platform)
- Radio Remote Control (with platform)
- Outrigger Pads

CRANE SPECIFICATIONS

- 52,000 lb (23,588 kg) Maximum Lifting Capacity
- 103 ft (31.4 m) 4-Section Non-Insulated Boom
- 113 ft (34.4 m) Maximum Sheave Height
- Stowed Travel Height of 13.3 ft (4.0 m)
- Vehicle Travel Length of 38 ft (11.6 m)
- Outriggers: Main – Pivot Beam; Auxiliary – Out & Down
- Hydraulic Pilot-Operated Control System
- Life Cycle Tested for Reliability

OPTIONS

- 2-Piece 44 ft (13.4 m) Jib, 26 ft (7.9 m) Retracted
- Load Hook/Winch Stow Switch
- 360° Capacities with Front Bumper Outrigger
- 2-Man Steel Platform
- Load Blocks for Multiple Parts of Line
- Hydraulic Tool Circuit at Tail Shelf
- Pintle Hitch
- Hot Shift Power Take-Off
- Drum Rotation Indicator
- Utility Tool Boxes
- Rotation Resistant Wire Rope
- 2-Speed Winch
- Oil Cooler
- Continuous Rotation

Altec AC26-103B Specifications
Altec AC26-103B Capacities

**MODEL AC26-103B**

**EXAMPLE CAPACITIES**

**LOAD RADIUS IN FEET**

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>31</th>
<th>45</th>
<th>65</th>
<th>74</th>
<th>88</th>
<th>103</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base</td>
<td>30</td>
<td>20</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>2nd</td>
<td>30</td>
<td>20</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>3rd</td>
<td>30</td>
<td>20</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>4th</td>
<td>30</td>
<td>20</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>5th</td>
<td>30</td>
<td>20</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

**BOOM LOAD CAPACITIES IN LBS WITH FULL OUTRIGGERS**

<table>
<thead>
<tr>
<th>Boom Angle</th>
<th>0°</th>
<th>5°</th>
<th>10°</th>
<th>15°</th>
<th>20°</th>
<th>25°</th>
</tr>
</thead>
<tbody>
<tr>
<td>7400 lbs</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
</tr>
<tr>
<td>9300 lbs</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
</tr>
<tr>
<td>10500 lbs</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
</tr>
</tbody>
</table>

**AREA OF OPERATION**

- Do not work in this area.
- Deployed jib capacity working area only with front bumper outrigger.

**DEVIATIONS FROM RATED LOADS FOR HANDLING DEVICES**

- Overhaul ball: 180 lbs
- 1-sheave loadback: 230 lbs
- 2-sheave loadback: 365 lbs

**Orchard Jib Capacities**

<table>
<thead>
<tr>
<th>Load Radius (ft)</th>
<th>30</th>
<th>35</th>
<th>45</th>
<th>55</th>
<th>60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base</td>
<td>30</td>
<td>20</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>2nd</td>
<td>30</td>
<td>20</td>
<td>15</td>
<td>15</td>
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</tr>
<tr>
<td>3rd</td>
<td>30</td>
<td>20</td>
<td>15</td>
<td>15</td>
<td>15</td>
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<tr>
<td>4th</td>
<td>30</td>
<td>20</td>
<td>15</td>
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<td>15</td>
</tr>
<tr>
<td>5th</td>
<td>30</td>
<td>20</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

**NOTE: RATINGS ABOVE THE HEAVY LINE ARE BASED ON: 75 Structural Competence, 65 and Not On Machine Stability.**

**Capacities for the 31-foot boom length must only be lifted with boom fully retracted.**

**CAUTION:**

1. Load ratings shown are maximum allowable loads with the crane mounted on an Altec-approved chassis.
2. Loaded boom angles at specified boom lengths give only an approximation of the operating radius. The boom angle before loading should be greater to account for deflections. Do not exceed the operating radius for rated loads.
3. When between listed lengths for radii always use the smallest of values shown. Capacities for the 31-foot boom length must only be lifted with boom fully retracted.
4. Loading ratings are based on freely suspended loads with the crane properly set up on outriggers, with the machine leveled and standing on firm uniform supporting surface.
5. Actual working capacities depend on supporting surfaces, wind and other factors affecting stability such as hazardous surroundings, experience of personnel, and proper handling.
6. Weights of load block, stowed jib, or other accessories must be deducted from the rated capacities shown.
Altec Cranes are supported by service centers and over 115 mobile service technicians positioned across North America, seven days a week, 24 hours a day.

### United States:

- **Alabama Service Center**
  1730 Vanderbilt Road
  Birmingham, AL 35234

- **Arizona Service Center**
  2420 South 16th Avenue
  Phoenix, AZ 85007

- **California Service Center (Northern)**
  325 Industrial Way
  Dixon, CA 95620

- **California Service Center (Southern)**
  2882 Pomona Boulevard
  Pomona, CA 91766

- **Colorado Service Center**
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  Aurora, CO 80011

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  Palm Beach, FL 33409

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  Indianapolis, IN 46268

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  Elizabethtown, KY 42701

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  Frederick, MD 21701

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  Millbury, MA 01527

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  St. Joseph, MO 64507

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  Waxahachie, TX 75156

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  Daleville, VA 24083

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  Surrey, BC V3W 0J5

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  57 Durand Road
  Winnipeg, Manitoba R2J 3T1

- **Ontario Service Center**
  831 Nipissing Road
  Milton, Ontario L9T 4Z4

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**Vehicle Travel Height of 13.3 ft (4.0 m)**

**Optional 2-Man Platform**

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**Altec Industries, Inc.**

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Daleville, VA 24083

Manufacturing and Service Facilities Located Throughout the United States and Canada

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