AC28-103B

STANDARD FEATURES

• Altec LMAP (Load Moment & Area Protection) System
  » Rated Capacity Limiter
  » Displays: Boom Length, Boom Angle, Load on Hook, Percent of Rated Capacity
  » Electronic Working Area Definition
  » Operator Defined 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 equipment, available through Altec Supply, include wheel chocks, a fall protection system, radio remote control and outrigger pads.

OPTIONS

• 2-Piece Jib: 44 ft (13.4 m) Jib, 26 ft (7.9 m) Retracted
• 95 ft (29.0 m) 4-Section Boom
• Winch Control at Load Hook Stow Point
• 2-Man Steel Platform
• Load Blocks for Multiple Parts of Line
• Hydraulic Tool Circuit at Tail Shelf
• Utility Tool Boxes
• Rotation Resistant Wire Rope
• 2-Speed Winch
• Oil Cooler
• Continuous Rotation
• Out-and-Down Primary Outriggers
  » Full Span 24 ft (7.3 m)
  » Mid Span 15.75 ft (4.8 m)
  » Short Span 8.17 ft (2.5 m)
• Winch Drum Rotator Indicator
• Walk-Through Control Station for Easy Bed Access

CRANE SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Lift Capacity</td>
<td>56,000 lb (25,403 kg)</td>
</tr>
<tr>
<td>Boom Length (4-Section)</td>
<td>103 ft (31.4 m)</td>
</tr>
<tr>
<td>Maximum Sheave Height with 2-Stage Jib</td>
<td>113 ft (34.4 m)</td>
</tr>
<tr>
<td>Stowed Travel Height</td>
<td>13.3 ft (4.0 m)</td>
</tr>
<tr>
<td>Vehicle Travel Length</td>
<td>38 ft (11.6 m)</td>
</tr>
<tr>
<td>Outriggers</td>
<td>Primary - Pivoting Beam; Auxiliary - Out-and-Down</td>
</tr>
<tr>
<td>Control System</td>
<td>Pilot-Operated, Hydraulic</td>
</tr>
<tr>
<td>ASME B30.5 Compliant</td>
<td></td>
</tr>
</tbody>
</table>

LOAD MOMENT AND AREA PROTECTION

The convenient LMAP menu navigation with an intuitive user interface displays load on hook, rated capacity percentage, boom length and angle, load radius, and operator-defined protection with audible alarms. While the intuitive display and user interface are unique to Altec, the system’s hardware consists of common “off-the-shelf” components that were critically selected for their performance and serviceability.

UNIT

<table>
<thead>
<tr>
<th>Model</th>
<th>Rear Axle</th>
<th>CT (in)</th>
<th>WB (in)</th>
<th>AF (in)</th>
<th>Rear Axle Spread (in)</th>
<th>Front Axle Rating (lb)</th>
<th>Rear Axle Rating (lb)</th>
<th>GVWR (lb)W</th>
<th>Frame Sec Modulus (in^3)</th>
<th>Frame RBM (in-lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC28-103B</td>
<td>Tandem</td>
<td>190</td>
<td>258</td>
<td>130</td>
<td>54</td>
<td>20,000</td>
<td>40,000</td>
<td>60,000</td>
<td>consult factory</td>
<td></td>
</tr>
</tbody>
</table>
LOWER WINCH CONTROL

The lower winch control helps prevent boom damage by reducing the flow pressure to the winch during stowage. The operator can control the load block or ball while winching up or down during set up and stowage without the need to access the upper control station, reducing slip/trip/fall hazard exposure.

OUTRIGGER CONTROLS AT TAIL SHELF

Outrigger controls at the tailshelf allow the operator to access the controls from either side of the bed for best visibility of the contact surface which reduces the chance of a crushing hazard while deploying and retracting outriggers.

LOAD CHART (AC28-103B) - FULL SPAN OUTRIGGERS

Charts published herein are intended to be a guide only and should not be construed to warrant application for lifting purposes. Consult supplied operation manual for further details.