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TO SPEAK WITH AN ALTEC REPRESENTATIVE
or visit us online at altec.com
The Altec “B” Series incorporates a high-flow piston pump into the hydraulic system. This variable displacement pump generates a maximum actual flow of 43 GPM, compared to a standard derrick vane pump which provides actual flow of 38 GPM. The higher flow, combined with an improved valve design, optimizes multi-function performance and increase productivity. Other benefits of the Altec “B” Series Derrick include simultaneous 4-function boom operation, 50% reduction of heat generation during heavy digging, 20% reduction of heat generation during continuous winch operation and reduced fuel consumption.

**FEATURES**

- 5-Function Hydraulic Overload Protection System (HOP)
- Hydraulic Side Load Protection
- Boom and Auger Stow Protection System
- Hydraulically Extending Full Capacity Fiberglass Upper Boom
- Fiberglass Boom Tip and Transferable Steel Boom Flares
- Insulating 3rd Stage, Rated to 46kV and Below
- 15,000 lb (6,803.9 kg) Capacity Turntable Winch with Rope/ Cable Guides
- Hydraulic Tilting Pole Guides with Pole Guide Interlock
- Outrigger Controls with Motion Alarms
- Outrigger Boom Interlock System
- Operator Main Control Panel with Multi-Lever Controls
- Emergency Stop Switch on Main Control Panel(s)
- Back Up Alarm

Recommended safety equipment, available through Altec Supply, include a platform liner, fall protection system, wheel chocks and outrigger pads.

**OPTIONS**

- Behind-the-Cab Mount
- Corner Mount
- Boom Tip Winch
- High Speed 12,000 lb (5,443.1 kg) Winch
- Altec Opti-View® Riding Seat
- Engine Foot Throttle
- Three-Position Throttle Switch
- Control and Platform Covers
- Radio Remote Main Control Panel
- Radio Remote Upper Controls
- Four-Lever Upper Controls
- Single or Dual Platform
- Altec RotaFloat®
- Altec Electronic Side Load Protection (ESLP)
- Derrick OSHA Compliance Package
- Tool Circuit or Hose Reel

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>DM45</th>
<th>DM47</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum Sheave Height</strong> (Both Booms Extended)</td>
<td>44.4 ft (13.5 m)</td>
<td>46.4 ft (14.2 m)</td>
</tr>
<tr>
<td>Intermediate Boom Extended, Upper Boom Retracted</td>
<td>36.5 ft (11.1 m)</td>
<td>38.5 ft (11.8 m)</td>
</tr>
<tr>
<td>Bath Booms Retracted</td>
<td>27.9 ft (8.4 m)</td>
<td>29.8 ft (9.1 m)</td>
</tr>
<tr>
<td>Horizontal Reach from Centerline of Rotation (Both Booms Extended)</td>
<td>35.3 ft (10.8 m)</td>
<td>37.3 ft (11.4 m)</td>
</tr>
<tr>
<td>Intermediate Boom Extended, Upper Boom Retracted</td>
<td>27.3 ft (8.3 m)</td>
<td>29.3 ft (8.9 m)</td>
</tr>
<tr>
<td>Bath Booms Retracted</td>
<td>18.5 ft (5.6 m)</td>
<td>20.5 ft (6.2 m)</td>
</tr>
<tr>
<td>Intermediate Boom Extension</td>
<td>8.8 ft (2.7 m)</td>
<td>8.8 ft (2.7 m)</td>
</tr>
<tr>
<td>Upper Boom Extension</td>
<td>8.0 ft (2.4 m)</td>
<td>8.0 ft (2.4 m)</td>
</tr>
<tr>
<td><strong>Maximum Lift Capacity</strong> (10 ft Bare Boom)</td>
<td>13,394 lb (6,077 kg)</td>
<td>12,902 lb (5,852 kg)</td>
</tr>
<tr>
<td><strong>Maximum Lift Capacity</strong> (10 ft with Auger, Pole Guides and Upper Controls)</td>
<td>12,120 lb (5,497 kg)</td>
<td>11,570 lb (5,248 kg)</td>
</tr>
<tr>
<td><strong>Boom Articulation</strong></td>
<td>-20 to 80°</td>
<td>-20 to 80°</td>
</tr>
<tr>
<td><strong>Digger Radius (min - max)</strong></td>
<td>16.0 ft (4.8 m) - 24.8 ft (7.5 m)</td>
<td>17.9 ft (5.5 m) - 26.7 ft (8.1 m)</td>
</tr>
<tr>
<td><strong>Rotation</strong> (with High Capacity Worm Drive Gearbox)</td>
<td>Continuous</td>
<td>Continuous</td>
</tr>
</tbody>
</table>

*Based on a 40 in (1016 mm) chassis frame height
ANSI A10.31-2006 Compliant

**CONFIGURATIONS**

- **BOOM TIP WINCH**
- **SIDE LOAD GAUGE**
- **OPTI-VIEW® SEAT**

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