The Altec’s “B” Series provide electric controls to fit any customer’s needs. The electric system incorporates a high-flow variable displacement piston pump and generate a maximum flow of 43 GPM. Because flow is provided by a single variable displacement piston pump, maximum flow is available to all functions for superior multi-functioning. The variable displacement pump in both systems can reduce heat generation by 50% during heavy digging, reduce heat generation by 20% during continuous winch operation and reduced fuel consumption.

**FEATURES**
- 5-Function Hydraulic Overload Protection System (HOP)
- Hydraulic Side Load Protection (HSLP) with Load Sense
- Boom Stow Protection System
- Full Capacity Fiberglass Upper Boom
- Fiberglass Boom Tip and Transferable Steel Boom Flares
- Insulating 3rd Stage, Rated to 46kV and Below
- Hydraulic Tilting Pole Guides with Pole Guide Interlock
- Outrigger Boom Interlock System
- Operator Main Control Panel with Multi-Lever Controls
- Emergency Stop Switch on Main Control Panel(s)
- Smart Zone, Zone Rating System (if applicable)

**OPTIONS**
- Altec Opti-View Riding Seat
- Radio Remote with HOP Indication
- Radio Remote Upper Controls
- Single or Dual Platforms
- Altec RotaFloat Assists with Setting Screw Anchors
- Altec Electronic Side Load Protection (ESLP)
- Mechanical Shift and Hydra-Sync Two-Speed Augers

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

**CONFIGURATIONS**

<table>
<thead>
<tr>
<th></th>
<th>DH45B</th>
<th>DH48B</th>
<th>DH50B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sheave Height* (Both Booms Extended)</td>
<td>45.6 ft (13.9 m)</td>
<td>48.5 ft (14.8 m)</td>
<td>50.6 ft (15.4 m)</td>
</tr>
<tr>
<td>Horizontal Reach from Centerline of Rotation (Both Booms Extended)</td>
<td>36.0 ft (11.0 m)</td>
<td>39.0 ft (11.9 m)</td>
<td>41.0 ft (12.5 m)</td>
</tr>
<tr>
<td>Maximum Lift Capacity**</td>
<td>30,000 lb (13,608 kg)</td>
<td>30,000 lb (13,608 kg)</td>
<td>30,000 lb (13,608 kg)</td>
</tr>
<tr>
<td>Maximum Lift Capacity at 10 ft Radius**</td>
<td>16,050 lb (7,280 kg)</td>
<td>15,670 lb (7,107 kg)</td>
<td>15,400 lb (6,995 kg)</td>
</tr>
<tr>
<td>Maximum Lift Capacity at Minimum Digger Radius**</td>
<td>9,790 lb (4,441 kg)</td>
<td>8,954 lb (4,061 kg)</td>
<td>8,433 lb (3,825 kg)</td>
</tr>
<tr>
<td>Digger Radius (min - max)</td>
<td>16.9 - 25.4 ft (5.1 - 7.7 m)</td>
<td>17.8 - 27.3 ft (5.4 - 8.3 m)</td>
<td>18.5 - 28.7 ft (5.6 - 8.8 m)</td>
</tr>
<tr>
<td>Boom Articulation</td>
<td>-20 to 80°</td>
<td>-20 to 80°</td>
<td>-20 to 80°</td>
</tr>
<tr>
<td>Rotation</td>
<td>Continuous</td>
<td>Continuous</td>
<td>Continuous</td>
</tr>
</tbody>
</table>

*Based on a 40 in (1016 mm) chassis frame height.

**Based on a turret winch configuration.

ANSI A10.31-2013 Compliant

**SPECIFICATIONS**

- Opti-View Control Seat
  - The Altec Opti-View® Control Seat increases operator comfort and provides a full view of the work area.

- Radio Remote Controls
  - The radio unit can be used as upper controls without running mechanical controls to the boom tip, allowing a greater boom capacity and smaller working envelope.

- Zone Rating System (if applicable)
  - The zone rating system provides live operator feedback about the stability of the unit through indicator lights located on the boom for improved job site productivity and safety.

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