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 **Altec**
DIGGER DERRICK

DH-B SERIES

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
- Fiberglass Material or Personnel Handling Jib
- High Speed 12,000 lb Winch
- Right-Hand or Left-Hand Auger Storage
- Corner Mount
- Boom Tip Winch
- Below Rotation Controls
- Pole Guide Tong Protectors

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

CONFIGURATIONS

	DH45B	DH48B	DH50B
Maximum Sheave Height* (Both Booms Extended)	45.6 ft (13.9 m)	48.5 ft (14.8 m)	50.6 ft (15.4 m)
Horizontal Reach from Centerline of Rotation (Both Booms Extended)	36.0 ft (11.0 m)	39.0 ft (11.9 m)	41.0 ft (12.5 m)
Maximum Lift Capacity**	30,000 lb (13,608 kg)	30,000 lb (13,608 kg)	30,000 lb (13,608 kg)
Maximum Lift Capacity at 10 ft Radius**	16,050 lb (7,280 kg)	15,670 lb (7,107 kg)	15,400 lb (6,985 kg)
Maximum Lift Capacity at Minimum Digger Radius**	9,790 lb (4,441 kg)	8,954 lb (4,061 kg)	8,433 lb (3,825 kg)
Digger Radius (min - max)	16.9 - 25.4 ft (5.1 - 7.7 m)	17.8 - 27.3 ft (5.4 - 8.3 m)	18.5 - 28.7 ft (5.6 - 8.8 m)
Boom Articulation	-20 to 80°	-20 to 80°	-20 to 80°
Rotation	Continuous	Continuous	Continuous
*Based on a 40 in (1016 mm) chassis frame height. **Based on a turret winch configuration. ANSI A10.31-2013 Compliant			



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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