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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
- Smart Zone, Zone Rating System (when applicable)
- 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)

OPTIONS

- Altec Opti-View Riding Seat
- Radio Remote Main Control Panel with HOP Light Indicators
- Radio Remote Upper Controls
- Single or Dual Platforms
- Altec RotaFloat
- 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

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

CONFIGURATIONS		DH45	DH48	DH50
SPECIFICATIONS	Maximum Sheave Height* (Both Booms Extended)	45.7 ft (13.9 m)	48.5 ft (14.8 m)	50.6 ft (15.4 m)
	Intermediate Boom Extended, Upper Boom Retracted	37.8 ft (11.5 m)	39.7 ft (12.1 m)	41.1 ft (12.59 m)
	Both Booms Retracted	29.1 ft (8.9 m)	30.0 ft (9.1 m)	30.7 ft (9.4 m)
	Horizontal Reach from Centerline of Rotation (Both Booms Extended)	36.0 ft (11.0 m)	38.9 ft (11.6 m)	41.0 ft (12.5 m)
	Intermediate Boom Extended, Upper Boom Retracted	28.1 ft (8.6 m)	30.0 ft (9.1 m)	31.4 ft (9.6 m)
	Both Booms Retracted	19.2 ft (5.9 m)	20.1 ft (6.1 m)	20.8 ft (6.3 m)
	Intermediate Boom Extension	8.9 ft (2.7 m)	9.8 ft (3.0 m)	10.5 ft (3.2 m)
	Upper Boom Extension	8.0 ft (2.4 m)	9.0 ft (2.7 m)	9.7 ft (3.0 m)
	Maximum Lift Capacity	30,000 lb (13,607.8 kg)	30,000 lb (13,607.8 kg)	30,000 lb (13,607.8 kg)
	Maximum Lift Capacity (at 10 feet)	16,035 lb (7,273.4 kg)	15,650 lb (7,098.7 kg)	15,196 lb (6,892.8 kg)
	Boom Articulation	-20 to 80°	-20 to 80°	-20 to 80°
	Digger Radius (min - max)	16.7 ft (5.1 m) - 25.7 ft (7.8 m)	17.7 ft (5.4 m) - 27.6 ft (8.4 m)	18.4 ft (5.6 m) - 29.0 ft (8.8 m)
	Rotation	Continuous	Continuous	Continuous
*Based on a 40 in (1016 mm) chassis frame height. ANSI A10.31-2006 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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DH -H SERIES

The Altec “H” Series derrick is a fully hydraulic derrick that incorporates a high-flow piston pump into the hydraulic system. The variable displacement pump generates a maximum flow of 43 GPM. Because flow is provided by a single variable displacement piston pump, maximum flow is available to any function for superior multi-functioning which includes 4-function boom operation. Additional benefits of the “H” series derrick is 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 (HSLP) with Load Sense
- Smart Zone, Zone Rating System (when applicable)
- 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)
- Swing Open, Front-Entry Riding Seat

OPTIONS

- Mechanical Shift and Hydra-Sync Two-Speed Augers
- Fiberglass Material or Personnel Handling Jib
- High Speed Winch
- Engine Foot Throttle
- Right-Hand or Left-Hand Auger Storage
- Full-View, T-Handle Riding Seat

Additional accessories available through Altec Supply include a 5 pound fire extinguisher, triangular reflectors/road flares, fall protection equipment, outrigger pads and 2 inch front/rear receiver hitches.

CONFIGURATIONS		DH45	DH48	DH50
SPECIFICATIONS	Maximum Sheave Height* (Both Booms Extended)	45.7 ft (13.9 m)	48.5 ft (14.8 m)	50.6 ft (15.4 m)
	Intermediate Boom Extended, Upper Boom Retracted	37.8 ft (11.5 m)	39.7 ft (12.1 m)	41.1 ft (12.59 m)
	Both Booms Retracted	29.1 ft (8.9 m)	30.0 ft (9.1 m)	30.7 ft (9.4 m)
	Horizontal Reach from Centerline of Rotation (Both Booms Extended)	36.0 ft (11.0 m)	38.9 ft (11.6 m)	41.0 ft (12.5 m)
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	Rotation	Continuous	Continuous	Continuous
*Based on a 40 in (1016 mm) chassis frame height. ANSI A10.31-2006 Compliant				



SWING OPEN SEAT

The standard 8-lever riding seat comes with a swing open control console for front entry access that improves ingress, egress and operator safety.



FULL-VIEW RIDING SEAT

The standard single handle riding seat comes with an open front, full-view seat that provides superior multi-functioning through the use of the “T-style” handle and best-in-class ingress, egress and boomtip visibility.



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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