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 **Altec**
DIGGER DERRICK

DH-H SERIES

Altec H-Series derricks are fully hydraulic and use pilot pressure controls. H-Series includes a 43 gpm variable displacement piston pump which reduces hydraulic heat generation, fuel consumption and chassis wear. Smooth and less fatiguing, the pilot pressure controls offer an improved experience for operators who prefer a fully hydraulic derrick. Additional features and options include five function HOP, Full View T-Handle Riding Seat, and Altec RotaFloat®.

FEATURES

- Multi-Lever Control Station Riding Seat
- Five Function Hydraulic Overload Protection System (HOP)
- Proportional Hydraulic Pole Guides with Interlocks
- Insulating Fiberglass Third Stage, Rated to 46kV and Below
- Fiberglass Boom Tip and Transferable Steel Boom Flares
- Zone Rating System Operator Aid (if applicable)
- Continuous Rotation with Planetary Gearbox
- Hydraulic Side Load Protection
- 15,000 lb Worm Gear Turntable Winch with Rope Guides
- 12,000 ft-lbs Digger Motor, Two Speed Mechanical Shift
- Hydraulic Auger Release
- Boom and Auger Stow Protection
- Dedicated Digger Shake

OPTIONS

- Full View T-Handle Riding Seat
- Multi-Lever Swing Open Front Entry Riding Seat
- Altec RotaFloat®
- Boom Tip Winch with Composite Boom Tip
- Corner Mount
- Pole Guide Tong Protectors
- Below Rotation Control Stations
- Engine Foot Throttle
- Hydraulic Hose Reel for Lower Tools

Recommended equipment and additional accessories, available through Altec Supply includes, the AXIS Service Interface Kit, a platform liner, fall protection system, wheel chocks and outrigger pads.

CONFIGURATIONS

	DH45H	DH48H	DH50H
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)	38.9 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 ft - 25.4 ft (5.1 m - 7.7 m)	17.8 ft - 27.3 ft (5.4 m - 8.3 m)	18.5 ft - 28.7 ft (5.6 m - 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.			

SPECIFICATIONS



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, T-HANDLE 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 boom tip 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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