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 **Altec**
DIGGER DERRICK

DM-E SERIES

Altec E-Series derricks provide a new level of performance, reliability, and safety. E-Series includes a 50 gpm variable displacement piston pump and valve technology that provides superior flow sharing to maximize jobsite efficiency and operator confidence. Servicing Altec's latest generation of derricks is easier than ever with E-Series CAN controls paired with the AXIS Service Interface. Advanced features like digger shift gearbox protection, HOP ramping, and point-of-use station select help to protect both the equipment and operators from common worksite hazards.

FEATURES

- Multi-Lever Control Station Riding Seat
- Five Function Hydraulic Overload Protection System (HOP) with Ramping
- E-Series Indicator Panel
- Auger Gearbox Shift Protection
- Standard/Low Speed Selector
- Proportional Hydraulic Pole Guides with Interlocks
- Push Button Outrigger Controls with Engine Start/Stop
- Engine Start/Stop at all Control Stations
- Insulating Fiberglass Third Stage, Rated to 46kV and Below
- Fiberglass Boom Tip and Transferable Steel Boom Flares
- 15,000 lb Worm Gear Turntable Winch with Rope Guides
- Hydraulic Side Load Protection
- Hydraulic Tilting Pole Guides with Interlock
- 12,000 ft-lbs Digger Motor, Two Speed Mechanical Shift
- Altec Insights, 12-months Access
- Dedicated Push-Button Digger Shake

OPTIONS

- Altec Opti-View® Riding Seat
- Altec Electronic Side Load Protection with Load Gauge
- Altec RotaFloat®
- Radio Remote Derrick Controls with HOP Indication
- Docking Station for Radio Upper Controls
- Integrated Single Handle Multi-Function Upper Controls
- Boom Tip Winch
- Corner Mount
- Behind Cab Mount
- Pole Guide Tong Protectors
- Single or Dual Platform(s)
- Altec Insights, Lifetime Access

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

		DM45E	DM47E
SPECIFICATIONS	Maximum Sheave Height* (Both Booms Extended)	44.4 ft (13.5 m)	46.4 ft (14.2 m)
	Intermediate Boom Extended, Upper Boom Retracted	36.5 ft (11.5 m)	38.5 ft (11.8 m)
	Both Booms Retracted	27.9 ft (8.4 m)	29.8 ft (9.1 m)
	Horizontal Reach from Centerline of Rotation (Both Booms Extended)	35.3 ft (10.8 m)	37.3 ft (11.4 m)
	Intermediate Boom Extended, Upper Boom Retracted	27.3 ft (8.3 m)	29.3 ft (8.9 m)
	Both Booms Retracted	18.5 ft (5.6 m)	20.5 ft (6.2 m)
	Intermediate Boom Extension	8.8 ft (2.7 m)	8.8 ft (2.7 m)
	Upper Boom Extension	8.0 ft (2.4 m)	8.0 ft (2.4 m)
	Maximum Lift Capacity (10 ft Bare Boom)	13,394 lb (6,077 kg)	12,902 lb (5,852 kg)
	Maximum Lift Capacity (10 ft with Auger, Pole Guides and Upper Controls)	12,120 lb (5,497 kg)	11,570 lb (5,248 kg)
	Boom Articulation	-20 to 80°	-20 to 80°
	Digger Radius (min - max)	16.0 ft (4.8 m) - 24.8 ft (7.5 m)	17.9 ft (5.5 m) - 26.7 ft (8.1 m)
	Rotation (with High Capacity Worm Drive Gearbox)	Continuous	Continuous
*Based on a 40 in (1016 mm) chassis frame height.			



OPTI-VIEW® CONTROL SEAT

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



AXIS INTEGRATION

The Altec AXIS Service Tool provides an easier user interface and increased functionality to troubleshoot or calibration the machine.



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.



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