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 **Altec**
DIGGER DERRICK

DXE 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 with Boom Side Entry
- Five Function Hydraulic Overload Protection System (HOP) with Ramping
- E-Series Indicator Panel
- Digger Gearbox Shift Protection
- Proportional Hydraulic Pole Guides with Interlocks
- Standard/Low Speed Selector
- Push Button Outrigger Controls with Engine Start/Stop
- Engine Start/Stop at all Control Stations
- Insulating Fiberglass Third Stage, Rated to 46kV and Below
- Serviceable Boom Tip with Non-Conductive Guards
- 15,000 lb Worm Gear Turntable Winch with Rope Guides
- Hydraulic-Electric Side Load Protection (HESLP)
- 12,000 ft-lbs Digger Motor, Two Speed Mechanical Shift
- Two Sets of M-Frame Outriggers with Short Jacking Capability
- Dedicated Push-Button Digger Shake
- Altec Insights, 12-months Access

OPTIONS

- Altec Opti-View® Riding Seat
- Lower Control Station at tailshelf
- Altec RotaFloat®
- Radio Remote Derrick Controls with HOP Indication
- Docking Station for Radio Upper Controls
- 12,000 ft-lbs, 15,000 ft-lbs & 20,000 ft-lbs Digger Motor, Two Speed Hydrasync
- Material Handling Fiberglass Jib, 4 ft, 8ft, 10 ft or 15 ft Length w/ Hydraulic Luffing
- Integrated Single Handle Multi-Function Upper Controls
- 15,000 lb Planetary Turntable Winch
- 15,000 lb Worm Gear Boom Tip Winch
- Single or Dual Platform(s)
- Altec Insights, Lifetime Access

Recommended safety equipment and additional accessories, available through Altec Supply, include the AXIS Service Interface Kit, a fall protection system and wheel chocks for stationary set-ups.

CONFIGURATIONS

SPECIFICATIONS	Maximum Lift Capacity (10 ft Bare Boom)	19,165 lb	8,693 kg	17,600 lb	7,983 kg
	Maximum Lift Capacity (10 ft with Auger and Pole Guides)	17,664 lb	8,012 kg	16,043 lb	7,277 kg
	Sheave Height (Both Booms Extended)	53.4 ft	16.3 m	60.0 ft	18.3 m
	Booms Fully Retracted	30.9 ft	9.4 m	34.1 ft	10.4 m
	Intermediate Extended, Upper Retracted	41.8 ft	12.7 m	48.4 ft	14.8 m
	Horizontal Reach from Centerline of Rotation (Fully Extended)	43.9 ft	13.4 m	50.6 ft	15.4 m
	Booms Fully Retracted	21.0 ft	6.4 m	24.2 ft	7.4 m
	Intermediate Extended, Upper Retracted	32.0 ft	9.8 m	38.8 ft	11.8 m
	Intermediate Boom Extension	11.1 ft	3.4 m	14.6 ft	4.5 m
	Upper Boom Extension	11.9 ft	3.6 m	11.9 ft	3.6 m
	Digger Radius (min-max)	18.3 ft - 29.4 ft	5.6 m - 9.0 m	21.8 ft - 36.4 ft	6.7 m - 10.7 m
	Boom Articulation, Degrees	-18 to +84		-18 to +84	
	Rotation	Continuous Planetary Drive		Continuous Planetary Drive	



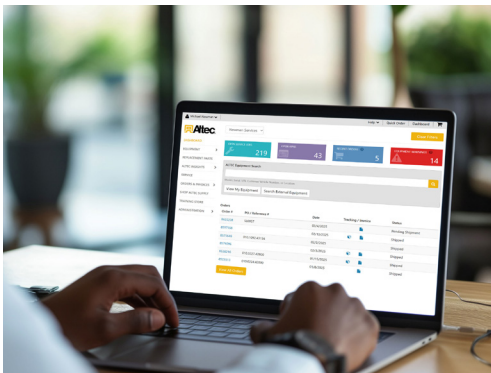
M-FRAME WITH SHORT JACKING

New M-Frames offer class leading outrigger penetration for leveling on slopes and the ability to short jack with E-Series.



ALTEC INSIGHTS

Improve efficiency and maximize uptime with remote diagnostic capability through Altec Insights.



SERVICEABLE BOOM TIP

Steel core boom tip that is bolted inside the upper boom. Non-conductive guards provide dielectric protection and can be replaced, if damaged.



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