

DT85E



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 **Altec**
DIGGER DERRICK

DT85E

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
- 360° of Ingress and Egress to the Riding Seat
- Five Function Hydraulic Overload Protection System (HOP) with Ramping
- Integrated Fiberglass 5th Stage Jib, rated to 46 kV and below
- Altec RotaFloat®
- Load-on-Hook System with Integrated Display at Riding Seat
- 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
- 15,000 lb Planetary Turntable Winch with Rope Guides
- Hydraulic Side Load Protection
- 15,000 ft-lbs Digger Motor, Two Speed Hydrasync
- Two Sets of Radial Outriggers
- Dedicated Push-Button Digger Shake
- Altec Insights, 12-months Access

OPTIONS

- Altec Opti-View® Riding Seat
- Outrigger Deploying Steps at Tailshelf
- Radio Remote Derrick Controls with HOP Indication
- Docking Station for Radio Upper Controls
- One-Man, Fiberglass Platform
- Two-Man, Metal Personnel Platform
- 20,000 ft-lbs Digger Motor, Two Speed Hydrasync
- Altec Insights, Lifetime Access

Recommended equipment and additional accessories, available through Altec Supply includes, the AXIS Service Interface Kit, a 5 pound fire extinguisher, triangular reflectors/road flares, fall protection equipment, outrigger pads and 2 inch front/rear receiver hitches.

SPECIFICATIONS	Maximum Lift Capacity	30,000 lb (16,608 kg)
	Maximum Lift Capacity at 10 ft	30,000 lb (16,608 kg)
	Maximum Fiberglass 5th Stage Jib Capacity	3,000 lb (1,360 kg)
	Maximum Sheave Height	91.4 ft (27.9 m)
	Maximum Hydraulically Powered Sheave Height	84.5 ft (25.8 m)
	Intermediate Boom Extended, Upper Boom Retracted	52.5 ft (16.0 m)
	Both Booms Retracted	37.0 ft (11.3 m)
	Horizontal Reach from Centerline of Rotation (Both Booms Extended)	82.7 ft (25.2 m)
	Intermediate Boom Extended, Upper Boom Retracted	42.9 ft (13.1 m)
	Both Booms Fully Retracted	27.1 ft (8.3 m)
	Intermediate Boom Extension	15.8 ft (4.8 m)
	Upper Boom Extension	16.4 ft (5.0 m)
	Digger Radius (min - max)	22.2 ft (6.8 m) – 37.9 ft (11.6 m)
	Boom Articulation	-12.5° - 80°
	Rotation	Continuous planetary drive

*Based on a 40 in (1016 mm) chassis frame height.



DEPLOYABLE STEPS

Altec's proprietary design allows the steps at the tail shelf to deploy or retract as the outriggers are raised and lowered; keeping the steps protected while providing best-in-class ingress/egress.



INTEGRATED FIBERGLASS JIB

The 7 ft fiberglass jib is a standard feature which is rated to 46 kV and below and can lift up to 3000 lbs. This jib is integrated into the boom which allows operators to easily deploy it without straining or lifting any weight.



LOAD-ON-HOOK DISPLAY

Exclusive to "E" Series controls, this load-on-hook feature provides real time weight readings of loads applied to the winch rope on the digital display at the riding seat.



For more complete information on Altec products and services, visit us on the web at www.altec.com. Material and specifications are subject to change without notice. Featured units in photos may include optional features. Please contact an Altec representative for all available options. Altec® and the Altec logo are registered trademarks of Altec Inc. in the United States and various other countries and may not be used without permission.

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