

DT85H



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 **Altec**
DIGGER DERRICK

DT85H

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 with Boom Side Entry
- 360° of Ingress and Egress to the Riding Seat
- Five Function Hydraulic Overload Protection System (HOP)
- Integrated Fiberglass 5th Stage Jib, rated to 46 kV and below
- Altec RotaFloat®
- Proportional Hydraulic Pole Guides with Interlocks
- 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
- Auger Stow Protection
- Dedicated Digger Shake

OPTIONS

- Full View T-Handle Riding Seat
- Outrigger Deploying Steps at Tailshelf
- 20,000 ft-lbs Digger Motor, Two Speed Hydrasync

Recommended equipment and additional accessories, available through Altec Supply includes, 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.



360° INGRESS/EGRESS

The standard full-view and 8-lever riding seats come with a full 360° access to the riding seat to provide superior ingress, egress independent of the unit slewing angle.



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