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 **Altec**  
DIGGER DERRICK

# DM SERIES

Altec B-Series derricks are a staple of the electric utility and telecom industries. B-Series includes a 43 gpm variable displacement piston pump which reduces hydraulic heat generation, fuel consumption and chassis wear. Additionally, optional radio remotes integrate directly with the control system unlike fully hydraulic derricks and are offered with HOP indication. Additional features and options like standard and low speed for unit function, optional electronic side load protection with load gauge and RotaFloat® help to provide safety and productivity at the jobsite.

## FEATURES

- Multi-Lever Control Station Riding Seat
- Five Function Hydraulic Overload Protection System (HOP)
- Standard/Low Speed Selector
- Insulating Fiberglass Third Stage, Rated to 46kV and Below
- Fiberglass Boom Tip and Transferable Steel Boom Flares
- Hydraulic Side Load Protection
- 15,000 lb Worm Gear Turntable Winch with Rope Guides
- Hydraulic Tilting Pole Guides with Interlock
- 12,000 ft-lbs Digger Motor, Two Speed Mechanical Shift
- Hydraulic Auger Release
- Boom and Auger Stow Protection

## 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 Multi-Lever Upper Controls
- Boom Tip Winch
- Corner Mount
- Behind Cab Mount
- Pole Guide Tong Protectors
- Single or Dual Platform(s)

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

	DM45	DM47
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.

SPECIFICATIONS



## OPTI-VIEW® CONTROL SEAT

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



## SIDE LOAD GAUGE

The side load indicator gauge can give operators advanced warning of potential loading hazards.



## 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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