

# Geoprobe® DM250 Water Well Rig

Water Well Rigs | DM250

## ▶ Top Head Carriage

Top head carriage slides provide smoother travel, easier maintenance, and longer life.

## Big Rig in a Small Package

Drillers who need to get into tight spaces but can't compromise on production choose the DM250. The compact size makes navigating through yards and between houses a breeze, while the pumping capacity and next generation DMR3 head makes sure the job gets done. With no CDL required, it expands the hiring pool and reduces the stress of finding drillers – all while handling 20-foot tooling.

**No CDL\***  
**Required!**  
(\*Class A/B)

## ▶ Rod Carousel

The carousel carries 160 feet of 3-inch (20-foot tooling) drill pipe with machined grooves and arrow markers along the carousel, providing a visual indication to align rotary head over rods.

## ▶ Grout Mixer

40 gallon on-board grout mixer runs off rig hydraulics, saving fuel compared to running an extra engine.

## Control Panel

Durable, mechanical controls simplify operation and training of new drillers. Organized control panel includes engine monitoring, safety E-stop, hydraulic pressure gauges, friction control levers for mud pump and rotation circuits, and electronic throttle controls.

## Mud Pump & Air Compressor

Multiple configurations available

## Additional Options

- Sandline
- Stabilizer tray
- Lift pump
- Air-powered diaphragm pumps
- And more

## ▶ Hydraulic Table & Breakout Wrench

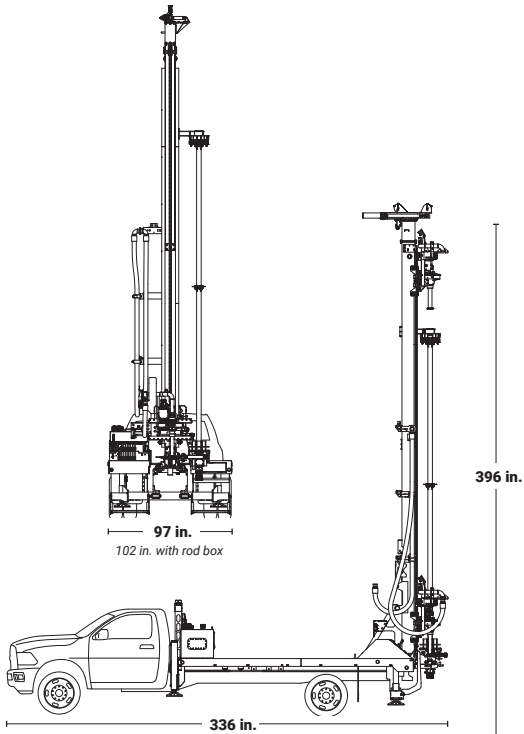
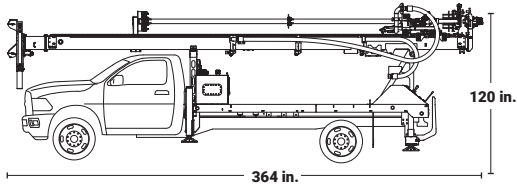
Clearance for up to 12-inch PVC casing with slips available to clamp casing tight. The holding fork and hydraulically-operated adjustable breakout wrench make tripping out fast and safe.

▶ VIDEOS AVAILABLE AT [GEOPROBE.COM/DM250](http://GEOPROBE.COM/DM250) WHEN YOU SEE THIS SYMBOL



## WEIGHT & DIMENSIONS

Base Unit Weight: 20,000 lb. (9,072 kg)



Rig shown with optional features. Weights & dimensions subject to change without notice.

## TOOLING

### Typical Geoprobe® Tooling for the DM250

- DM Drill Pipe
- DM Spring Assisted Swivel Hoist Plug
- DM Adapter Subs



## OPTIONS

### Head Options

- High Torque Head Assembly
- High Speed Head Assembly

### Air Compressor

- Air Compressor 80 CFM
- Air Compressor 125 CFM
- Air Compressor 225/150 CFM
- Air Compressor 225/150 CFM with Mud Pump

### Mud Pumps

- 2 in. Pump Air Operated Diaphragm Kit
- 3 in. Pump Air Operated Diaphragm Kit
- Duplex Pump 5 x 5
- Centrifugal Pump 4 x 3 x 13
- Moyno® 3L6
- Centerline 7.5 x 10 Mono Pump
- Centerline 2 x 2

### Mud & Air Combination

- Duplex Pump 5 x 5 & 85 CFM Compressor
- Centrifugal Pump 4 x 3 x 13 & 125 CFM Compressor
- Centrifugal Pump 4 x 3 x 13 & 225 CFM Compressor
- Centerline Pump 7.5 x 10 & 125 CFM Compressor
- Centerline Pump 2 x 2 & 225 CFM Compressor
- Moyno® Pump 3L6 & 225 CFM Compressor

Additional mud and air combinations are available. Call us for more information.

### Carousel

- Carousel 8 Rod with DMR3 Head Assembly

### Rod Loader & Box

- 20 ft. Rod Loader - Rod Box Option
- 15 ft. Rod Loader - Rod Box Option

### Winches

- Dual Winch: 5,000 lbf and 1,800 lbf
- Dual Winch: 5,000 lbf and 1,100 lbf
- Single Winch: 5,000 lbf

### Pump Kits

- Centrifugal Trash Pump Kit
- Water Transfer Pump Kit

### Grouter

- Grouter Kit

### Other Kits

- Water Injection Kit
- Hammer Lubricator Kit
- 4 x 3 x 13 Dual Inlet Kit

### Tool Handling

- Breakout Fork Weldment (Mayhew)
- Breakout Fork Weldment (IF)
- Breakout Fork Weldment (AWJ)
- Centralizer Kit
- Helper Controls Kit
- (2) Casing Slips

### Tool Storage

- Underbody Toolbox Kit, 36 in.
- Rod Box Weldment 20 ft. x 5 Rods
- Rod Box Weldment 10 ft.
- Stabilizer Tray 10 ft. x 9.5 in. OD

### Additional Options

- Control Panel Cover
- Rod Spinner
- Auxiliary Hydraulics



The helper side controls to operate the jib and winch functions make the DM250 easy to operate with a two-man crew while minimizing movement of the top head for faster production.

Videos, Photos, Specifications, Resources

[geoprobe.com/dm250](http://geoprobe.com/dm250)

