

## Rod Carousel

Carry 240-feet of 3.5-inch rods with additional 300 feet in box, using winch and jib to back feed carousel. Grooves along carousel provide visual indicator when aligning rotary head over rods. A 15 rod carousel is also available that holds 3-inch rods (300-feet).



## Top Head Carriage

The top head carriage on the DM450 drill truck uses rollers instead of slides, providing smoother travel, easier maintenance, and longer life.

## Single Rod Loader

Using the helper side controls to operate the jib and winch functions controls, the helper loads the drill pipe in the single rod loader. This makes the DM450 drill rig easy to operate with a two-man crew and minimizing top head movement facilitates faster production.

## Drillmast

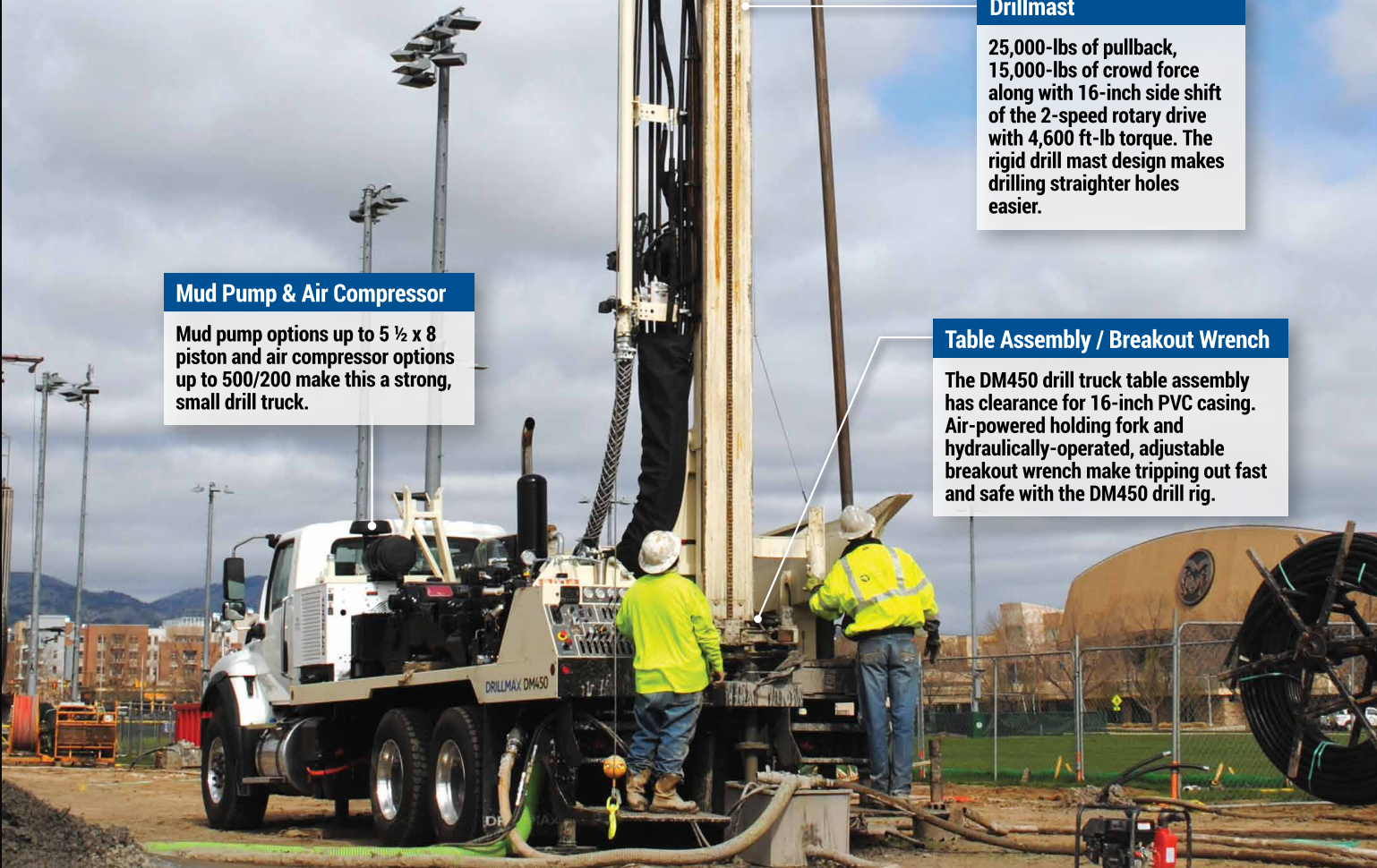
25,000-lbs of pullback, 15,000-lbs of crowd force along with 16-inch side shift of the 2-speed rotary drive with 4,600 ft-lb torque. The rigid drill mast design makes drilling straighter holes easier.

## Mud Pump & Air Compressor

Mud pump options up to 5 ½ x 8 piston and air compressor options up to 500/200 make this a strong, small drill truck.

## Table Assembly / Breakout Wrench

The DM450 drill truck table assembly has clearance for 16-inch PVC casing. Air-powered holding fork and hydraulically-operated, adjustable breakout wrench make tripping out fast and safe with the DM450 drill rig.



Top head offering both torque and speed to the impressive power to weight ratio make the DM450 well suited for water well, geothermal, and/or cathodic protection drilling while minimizing maintenance.

## FEATURES



### Truck Chassis

Equipped with a diesel engine, the lightweight, small drill rig is suited for large residential water wells, commercial geothermal, and cathodic protection drilling.

**Control Panel**  
The durable, mechanical controls neatly laid out on the robust, organized control panel makes training new drillers easy.

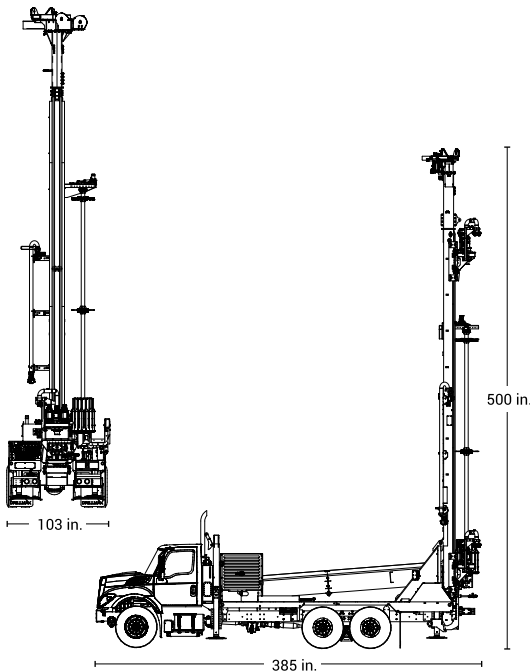
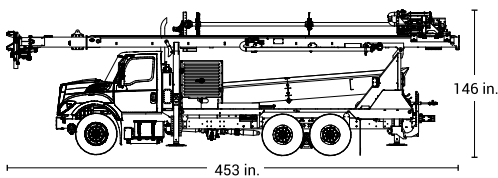


### On-Board Mud Cleaning System

Factory-mounted mud cleaning system uses separate hydraulic circuit eliminating competition among functions and easily connects to pump for quick set up.

## WEIGHT & DIMENSIONS

Unit Weight (as typically equipped):  
45,300 lb. (20,548 kg.)



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

## OPTIONS

### Spindle Adapters

- Sub 3-1/2 IF Box x 3-1/2 IF Pin 8 S-S
- Sub 2-3/8 M.J. Box x 3-1/2 IF Pin 16 S-S
- Sub 2-3/8 M.J. Pin x 2-3/8 M.J. Pin 16 S-S
- Sub 3-1/2 IF Box x 3-1/2 IF Pin 8 S-S
- Sub 2-3/8 MR Box x 3-1/2 IF Pin 16 S-S
- Sub 2-3/8 MR Pin x 2-3/8 MR Pin 16 S-S
- Sub 3-1/2 IF Box x 3-1/2 IF Pin 8 S-S
- Sub 2-3/8 IF Box x 3-1/2 IF Pin 16 S-S
- Sub 2-3/8 IF Pin x 2-3/8 IF Pin 16 S-S
- Sub 3-1/2 IF Box x 3-1/2 IF Pin 8 S-S
- Sub 3-1/2 IF Box x 3-1/2 IF Pin 16 S-S
- Sub 3-1/2 IF Pin x 3-1/2 IF Pin 16 S-S

### Breakout Fork

- Breakout Fork Weldment (Mayhew)
- Breakout Fork Weldment (IF)
- Breakout Fork Weldment (4.5 in.)
- Centralizer Kit

### Mud/Water Pumps

- Centrifugal Pump 4x3x13
- Centrifugal Desander Pump 3x2x13
- 3 in. Diaphragm Pump Kit
- Duplex Pump 5.5x8
- Duplex Pump 5x6
- Duplex Pump 5.5x8 & Centrifugal Pump 4x3
- Water Injection Pump Kit

### Rod Loader / Box

- Single Rod Loader 3 in. Casing
- Rod Box 3 in. Casing
- Single Rod Loader 3.5 in. Casing
- Rod Box 3.5 in. Casing
- Single Rod Loader 4.5 in. Casing
- Rod Box 4.5 in. Casing

### Carousel

- Carousel 3.5 in. x 12 Rod
- Carousel 3 in. x 15 Rod
- Rod Spinner Assembly
- Carousel Rod Box Assembly 3.5 in. Casing

### Air Compressor

- Air Compressor, 500 CFM Kit

### Tool Storage

- HD Toolbox Assembly, 60 in.
- Front Open Toolbox Assembly

### Additional Options

- Hyd Welder with Leads & 8 in. Hmr Tray
- Hammer Lubricator Assembly
- Air Hose Reel Kit
- Hammer Air 8 in. with Casing Drive
- DM450 Centralizer Kit 4 in. Casing
- Mud System Deck Mount
- Winch Mast Extension Kit
- Grouter Kit
- Breakout Wrench
- Aux Fuel Tank Kit
- Stabilizer Tray

**TOOLING**



DRILLMAX® 2-3/8 Mayhew Regular and IF Drill Pipe



DRILLMAX® Spring Assisted Swivel Hoist Plug

DRILLMAX® Adapter Subs



Designed by DRILLMAX® Engineering

DRILLMAX



Videos, Photos, Specifications, Resources

[drillmaxrigs.com/dm450](http://drillmaxrigs.com/dm450)