

DIEDRICH DRILL^{INC}

D 50

High Torque, Heavy Duty, All-Purpose Drill Rig



The D-50 is our premiere, all-purpose drill rig for the environmental and geotechnical drilling industry. With up to 9,100 ft lbs of spindle torque, it can power through most any job! Whether it is the D-50's ability to be mounted on a variety of carriers, or its superior drilling capability with augers, soil sampling, coring or probing, you can be sure you have a versatile drill that has the ability to get you where you need to go and the power to get the job done!



DIEDRICH DRILL^{INC}

5 Fisher Street
LaPorte, Indiana 46350
Website: www.diedrichdrill.com

Phone: 800-348-8809
Local: 219-326-7788
Fax: 219-324-5962

Power Source:

John Deere, 4 Cylinder Turbo Diesel, Liquid Cooled
(Other Engine Options Available Upon Request)

Maximum Gross Spindle Torque:

1st Gear and Reverse
4,316 ft. lbs.* to 9,120 ft. lbs.* (6,743 NM to 12,219 NM)

Spindle Bore:

3 1/2" (89mm)

Push and Retract Force:

Up - 21,598 lbs. (96.1 kN)
Down - 13,805 lbs. (61.4 kN)

Maximum Spindle Speed:

1st Gear, Low Range - 58 RPM*
4th Gear, High Range - 909 RPM*

Rotary Box:

#80, triple strand roller chain drive, totally enclosed and running in oil

Clutch and Transmission:

13" (330 mm) clutch with heavy-duty helical gear transmission with 4 forward gears and 1 reverse gear

Right Angle Drive:

Heavy-duty gear box totally enclosed and running in oil

Frame and Base:

The drill frame is a weldment constructed of heavy wall rectangular steel tubing with sufficient strength and rigidity for heavy duty use. The hydraulically operated sliding base has 16" (406 mm) of forward/reverse travel and 10" (254 mm) of side-to-side movement to provide clearance for hoisting tools and can be mounted on any flat,adequate size surface.

** Varies with engine choice and rotary box gear ratio.*



Specifications



Optional Equipment:**

- Low Overhead Clearance Feed Frame
- Cathead Hoist and/or Automatic SPT Hammer
- Hydraulic Hoists - 800 lbs. Through 7000 lbs.
- Water Pumps and/or Water Tank
- Rod Holder and/or Breakout Wrench
- Hydraulically Operated Chuck

**** If you dont see an option you need, just ask!**

