

DIEDRICH DRILL

D 120

Heavy-Duty, High-Torque, All-Purpose Drill Rig



The D-120 is a large, heavy-duty, high power, multi-purpose drill rig. This drill has earned a reputation as a powerhouse in the geotechnical, exploration and environmental drilling industries. The D-120 is powerful enough to handle large diameter hollow stem augers, yet versatile enough to drill efficiently on small auger, rotary and core jobs. If you need more power, more capacity and more productivity, the D-120 is the drill for you!

DIEDRICH DRILL

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
140 HP with Tier 4 Emissions

Maximum Gross Spindle Torque:

Standard Transmission*
1st Gear, Low Range 1st Gear, High Range
9,097 ft. lbs. (12,333 Nm) 22,550 ft. lbs. (30,574 Nm)

Spindle Bore:

3 1/2" (89 mm)

Push and Retract Force:

Up - 32,515 lbs. (145 kN)
Down - 21,450 lbs. (95 kN)

Maximum Spindle Speed:

1st Gear, Low Range - 37 RPM*
5th Gear, High Range - 736 RPM*

Rotary Box:

2-speed, all gear drive totally enclosed and running in oil

Clutch and Transmission:

13" (330 mm) clutch with heavy-duty helical gear
transmission with 5 forward gears and 1 reverse gear

Right Angle Drive:

Heavy-duty gear box totally enclosed and running in oil

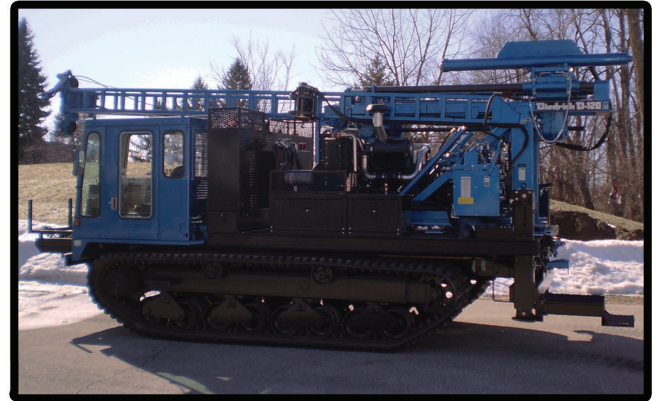
Frame and Base:

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 6" (152 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:**

- High Torque Rotary Drive
- Cathead Hoist and/or Automatic SPT Hammer
- Hydraulic Hoists - 800 lbs. through 10,000 lbs.
- Water Pumps and/or Water Tank
- Rod Holder and/or Breakout Wrench
- Hydraulically Operated Chuck

** If you don't see an option you need, just ask!

