

D20x22 S3 HORIZONTAL DIRECTIONAL DRILL



DESIGNED FOR UPTIME. Redesigned hydraulic system protects the machine and maximizes component life, helping with uptime.



PRICED RIGHT AND SIZED RIGHT. The D20x22 S3, smallest drill in its class, is well-suited to install cable, fiber and product pipe efficiently and productively in a small footprint, without outpricing what you need for the market.



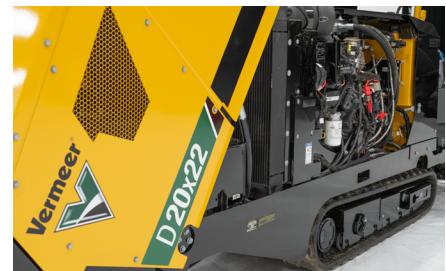
PREMIUM OPERATOR EXPERIENCE. Common dual joysticks on the current Vermeer drill lineup assist in operator efficiency and training. Designed with the operator in mind.



YOUR ACCESS TO MORE. VermeerOne™ is more than a tool or platform. It's an experience — one designed to simplify equipment management, empower users with real-time data to make smarter decisions, and help maximize productivity and profitability.



RIGHT POWER. The right power for the smaller diameter jobs with 19,500 lb (86.7 kN) of thrust and pullback, just what you need for the short shots.



REDESIGNED PIVOT HOOD. Offers ease of access when performing routine service and maintenance.

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GENERAL WEIGHTS AND DIMENSIONS

Min transport length: 229 in (582 cm)
Min transport width: 48 in (121.9 cm)
Min transport height: 78 in (198.1 cm)
Weight (drill option one): 12,488 lb (5,664 kg)
Weight (drill option two): 12,808 lb (5,810 kg)

ENGINE OPTION ONE

Make/Model: Deutz TD2.9
Fuel type: Low sulfur diesel
Max engine rpm: 2,600 rpm
Gross horsepower: 74 hp (55.4 kW)
Emissions rating: Tier 4i (EU Stage IIIA)

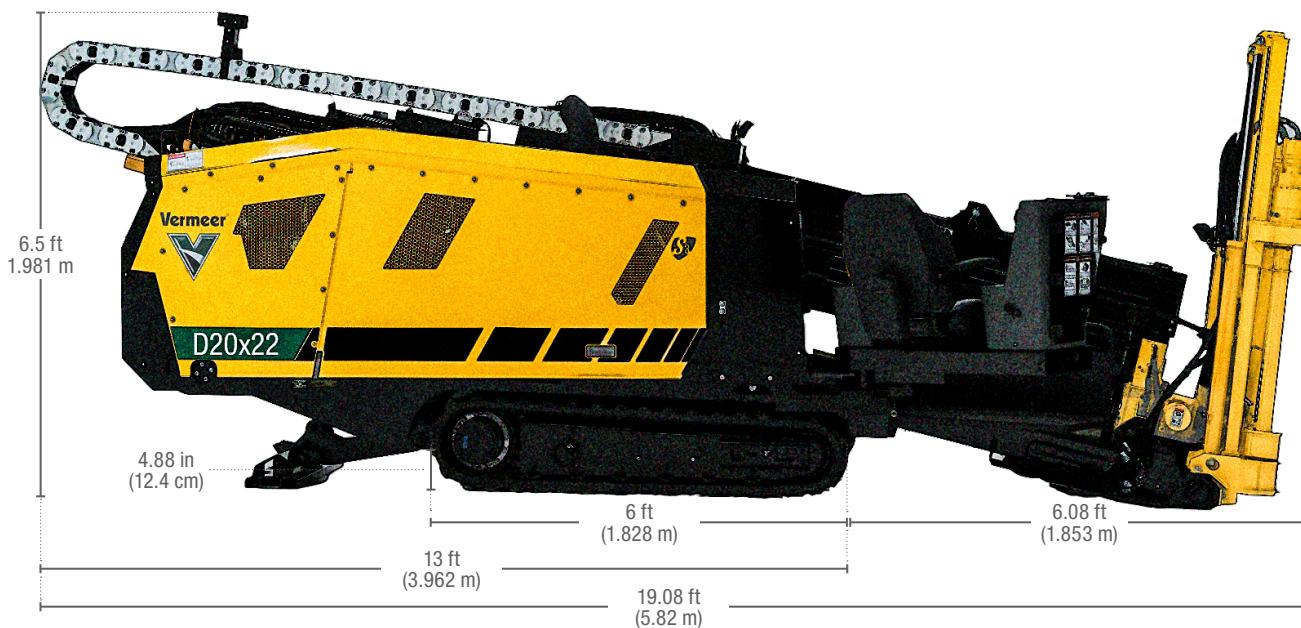
ENGINE OPTION TWO

Make/Model: Deutz TD2.9
Fuel type: Ultra-low sulfur diesel
Max engine rpm: 2,600 rpm
Gross horsepower: 74 hp (55.4 kW)
Emissions rating: Tier 4 Final (EU Stage V)

FLUID CAPACITIES

Fuel tank: 25 gal (94.6 L)
Hydraulic tank: 30 gal (113.6 L)
Hydraulic system: 40 gal (151.4 L)

TRANSPORT DIMENSIONS



OPERATIONAL

Thrust/Pullback: 19,500 lb (86.7 kN)
Max carriage speed at max engine rpm: 160 fpm (48.8 m/min)
Max spindle torque (low at max engine rpm): 2,200 ft-lb (2,983 Nm)
Max spindle speed at max engine rpm: 250 rpm
Min bore diameter: 3 in (7.6 cm)
Max ground drive speed at max engine rpm (fwd): 3.3 mph (5.3 km/h)
Drill rack angle: 12°-17° (21%-30.6%)

DRILLING FLUID SYSTEM

Max flow: 25 gpm (94.6 L/min)
Max pressure: 1,000 psi (6.9 MPa)

DRILL PIPE OPTION ONE

Type: Firestick® drill rod
Length: 10 ft (3 m)
Rod diameter: 1.9 in (4.8 cm)
Onboard capacity: 400 ft (121.9 m)

DRILL PIPE OPTION TWO

Type: Firestick drill rod
Length: 10 ft (3 m)
Rod diameter: 2.06 in (5.2 cm)
Onboard capacity: 400 ft (121.9 m)