

D24 HORIZONTAL DIRECTIONAL DRILL



FIT IN CONGESTED JOBSITES. The D24 is 56 in (142 cm) wide and 16,380 lb (7,430 kg), making it the narrowest footprint machine in its class size while maintaining stability for various ground conditions.

INTELLIGENT ON-RIG DIAGNOSTICS. Get ahead of the game with technology that helps deliver more uptime with specific diagnostic explanation and prescriptive troubleshooting steps right to the operator's fingertips.

RELIABLE COMPONENTS. Taking a new standard on how drills are built and designed, the D24 boasts enhanced hydraulics, electrical design and power train system designed for maximum reliability.



EASY AND AUTOMATED ROD EXCHANGE. A single button push completes the entire rod changeout sequence, eliminating up to 19 steps, giving operators from various skill levels more time for more rod in the ground.

DRILL LONGER IN HARDER GROUND CONDITIONS. Optional class-leading rod capacity to bore further with 480 ft (150 m) of rod on board without having to get off the machine. A 45-gpm (170-L/min) mud pump increases fluid flow rate, helping you ream quickly and pull large product faster.

OPTIONAL, FACTORY-PROVIDED CAB. The only drill in this size class in the industry with an optional, factory-provided cab. Drill year-round with class-leading industrial design featuring a wireless radio, heating and air conditioning.

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GENERAL DIMENSIONS AND WEIGHTS

Length (minimum transport): 21.1 ft (6.43 m)

Width (minimum transport): 4.6 ft (1.4 m)

Width (maximum transport): 5.6 ft (1.7 m)

Height (minimum transport): 7.4 ft (2.25 m)

Height (with cab): 7.6 ft (2.3 m)

Minimum weight: 16,380 lb (7,430 kg)

Maximum weight: 17,760 lb (8,056 kg)

ENGINE

Make and model: CAT® C3.6

Fuel type: Ultra low sulfur diesel

Maximum engine RPM: 2,000 rpm

Gross horsepower: 100 hp (74 kW)

OPERATIONAL

Max peak thrust: 24,700 lb (110 kN)

Continuous thrust: 22,000 lb (98 kN)

Max peak pullback: 24,700 lb (110 kN)

Continuous pullback: 22,000 lb (98 kN)

Minimum bore diameter: 4 in (10.2 cm)

Maximum ground drive speed at maximum engine rpm: 3.3 mph (5.3 km/h)

Automated rod loader: Yes, now with Automated Rod Exchange

Noise level at operator's ear: 88 dB(A)

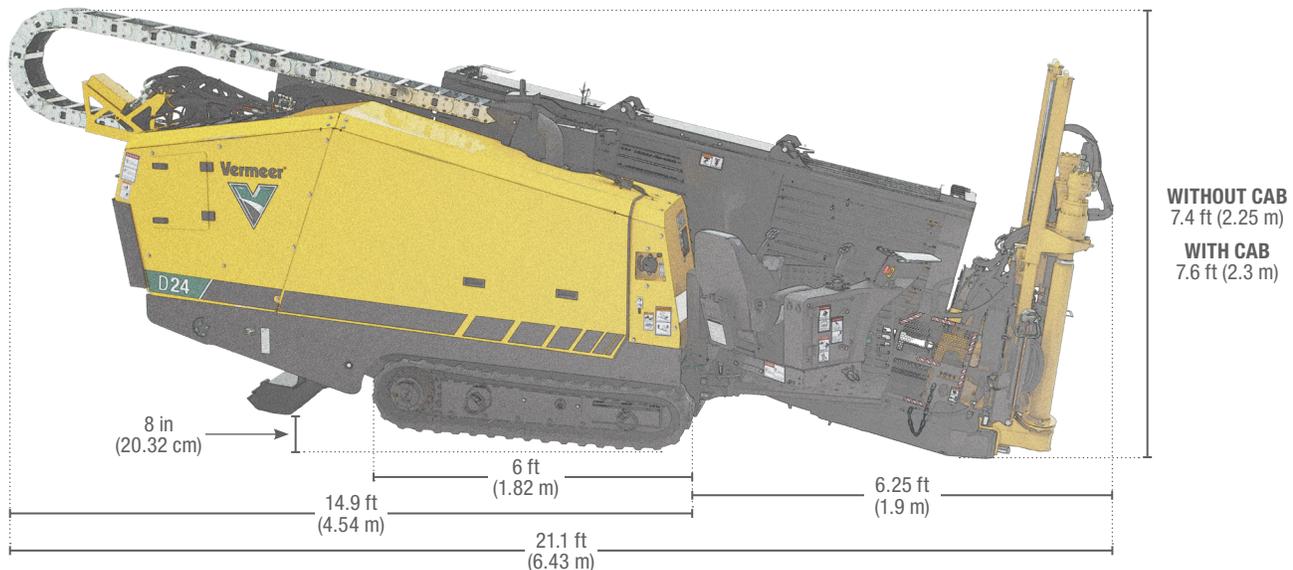
Noise level at operator's ear (inside optional cab): 72.6 dB(A)

FLUID CAPACITIES

Fuel tank: 35 gal (132.5 L)

Hydraulic tank: 25 gal (94.5 L)

TRANSPORT DIMENSIONS



FEATURES

Breakout system: Sliding, open side

Drilling lights: Standard

Flow indicator: Standard

Stakedown system: Standard

Strike alert system: Standard

Remote lockout: Standard

Operator presence: Standard

Cab: Optional

DRILL PIPE

Drill rod thread: #600

Thread type: Firestick® drill rod

Length: 10 ft (3 m)

Rod diameter: 2.375 in (6.03 cm)

Rodbox capacity: 480 ft (146 m)

DRILLING FLUID SYSTEM

Maximum flow: 45 gpm (170 L/min)

Maximum pressure: 900 psi (62 bar)

Brand: FMC

On Board Tank Capacity: 5 gal (19 L)