

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.



PATENTED, SLIDING, OPEN-SIDE VISE. Minimize the number of steps to change out a rod with this patented vise design. The vise utilizes sliding, open-side functionality, which allows you to see the rod joint.

D24 HORIZONTAL DIRECTIONAL DRILL

GENERAL DIMENSIONS AND WEIGHTS

Length (minimum transport): 224 in (569 cm)

Width (minimum transport): 56 in (142 cm)

Height (minimum transport): 89 in (226 cm)

Weight: 16,380 lb (7,430 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)

Maximum spindle torque [low at max engine rpm - 2.375 in (6 cm) drill rod]: 3,080 ft-lb (4,175.9 Nm)

FLUID CAPACITIES

Fuel tank: 35 gal (132.5 L)

Hydraulic tank: 25 gal (94.5 L)

FEATURES

Breakout system: Sliding, open side

Drilling lights: Standard

Flow indicator: Standard

Stakedown system: Standard

Strike alert: Standard

Remote lockout: Standard

Operator presence: Standard

DRILL PIPE

Drill rod thread: #600

Thread type: Firestick

Length: 10 ft (3 m)

Rod diameter: 2.375 in (6.03 cm)

Rodbox capacity: 400 ft (122 m)

DRILL PIPE OPTION TWO

Drill rod thread: #600

Thread type: Firestick

Length: 10 ft (3 m)

Rod diameter: 2.375 in (6.03 cm)

Rodbox capacity: 480 ft (146 m)

DRILLING FLUID SYSTEM OPTION ONE

Maximum flow: 45 gpm (170 L/min)

Maximum pressure: 900 psi (62 bar)

Brand: FMC

On Board Tank Capacity: 5 gal (19 L)

NOTES:

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