



POWER-TO-FOOTPRINT. The D24S has a compact footprint of 6.14 m (20.1 ft) length and 2.26 m (7.4 ft) width. Paired with an impressive torque of 4,200 ft-lb (5,695 Nm), this drill is designed for congested urban jobsites and challenging soil types.



V-ROD AND FIRESTICK® DRILL ROD ADVANTAGE. Single piece forged rod, designed to handle high-torque drilling applications. Its large internal diameter allows superior drilling fluid flow which improves penetration rate.



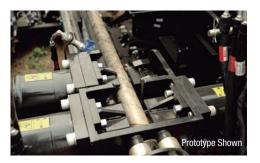
VERMEER SIMPLIFIED OPERATION. The D24S features common dual joysticks and controls found in all Vermeer drills. The climate-controlled cab option offers prime visibility, allowing the operator to easily monitor machine operations in comfort.



RUBBER PADS ON STEEL TRACKS. Reduces jobsite damage and offers a balance between traction, ground protection, durability and versatility.



DRILL AUTOMATION. The D24S provides Auto Carve allowing the operator to fine-tune thrust and steering in hard ground conditions. The AutoDrill feature is programmed to facilitate operations where a constant thrust/pullback and rotation pressures are needed. This feature allows the operator to set the rotation and thrust/pullback pressure or speed while drilling in changing soil conditions.



OPEN-TOP VISE. Improves operator visibility of the drill rod joints and helps simplify vise die exchange. A low to the ground design minimizes rod exposure, protects your equipment and enhances overall jobsite efficiency.





D24S HORIZONTAL DIRECTIONAL DRILL

GENERAL WEIGHTS AND DIMENSIONS

Length (Min Transport): 6.14 m (20.1 ft.) Width (Min Transport): 2.26 m (7.4 ft.) Height with cab (Min Transport): 2.65 m (8.7 ft.) Weight (Min Transport): 8.6 ton (19,100 lbs) Weight (Min Transport with 50 Rods): 10.4 ton (22,900 lbs)

PERFORMANCE

Max Pullback: 10.9 t (24,000 lbs) Max Thrust: 10.9 t (24,000 lbs) Max Carriage Speed at Max Engine RPM: 77 m/min (253 fpm) Min Carriage Speed at Max Engine RPM: 39 m/min (128 fpm) Max Spindle Torque (Low at Max Engine RPM): 5,695 Nm (4,200 ft. lbs) Max Spindle Torque (Med at Max Engine RPM): 4,339 Nm (3,200 ft. lbs) Max Spindle Torque (High at Max Engine RPM): 2,848 Nm (2,100 ft. lbs) Max Spindle Speed at Max Engine RPM: 270 rpm Med Spindle Speed at Max Engine RPM: 184 rpm Low Spindle Speed at Max Engine RPM: 136 rpm Max Ground Drive Speed: 3.6 km/h (2.2 mph) Max Entry Angle: 14°- 21°

ENGINE

Model: Cummins QSF3.8-C130 Tier 3 Power: 130 HP (97 kW) Max engine RPM: 2200 rpm

NOTES:

DRILL PIPE

Option 1: V-Rod Option 2: Firestick[®] Rod Diameter: 60 mm (2.36 inch) Rod Length: 3 m (10 ft.) Weight: 35 kg (77.1 lbs)

DRILLING FLUID SYSTEM

Brand: Aplex Max Flow: 189 L/min (50 gpm) Max Pressure: 1,305 psi (90 bar)

FLUID CAPACITIES

Hydraulic Tank: 290 L (76.6 gal) Fuel Tank: 170 L (44.9 gal)

FEATURES

Vise Design: Open Top Stakedown System: Standard Drilling Lights: Standard Cab w/ Heat and A/C: Optional In-Dash DCI AURORA Display: Optional Strike Alert: Standard Remote Lockout: Standard Wireless Tracking Remote: Standard Autodrill and Auto Carve: Standard

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