

D60x90 HORIZONTAL DIRECTIONAL DRILL



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Coming to a city near you.

From its conception, the new Vermeer D60x90 Navigator® horizontal directional drill (HDD) was intended to simply do more in less space. The result is one of the highest power-to-footprint ratios that Vermeer has ever produced in a self-contained HDD.

Powered by a 185 hp (138 kW) Interim Tier 4 (Stage IIIB) John Deere diesel engine, it generates up to 60,000 lb (266.9 kN) of thrust/pullback and 9000 ft-lb (12,202.4 Nm) of rotational torque. All of this comes within a modest footprint, qualifying the D60x90 for a range of projects, including those in confined urban settings.

Customize the D60x90 to your unique needs and preferences by choosing from a list of options that includes three Firestick® drill rod options in 10' (3 m) and 15' (4.6 m) lengths, stakedowns, climate-controlled cab, rubber or steel tracks and dual operator screens among others.

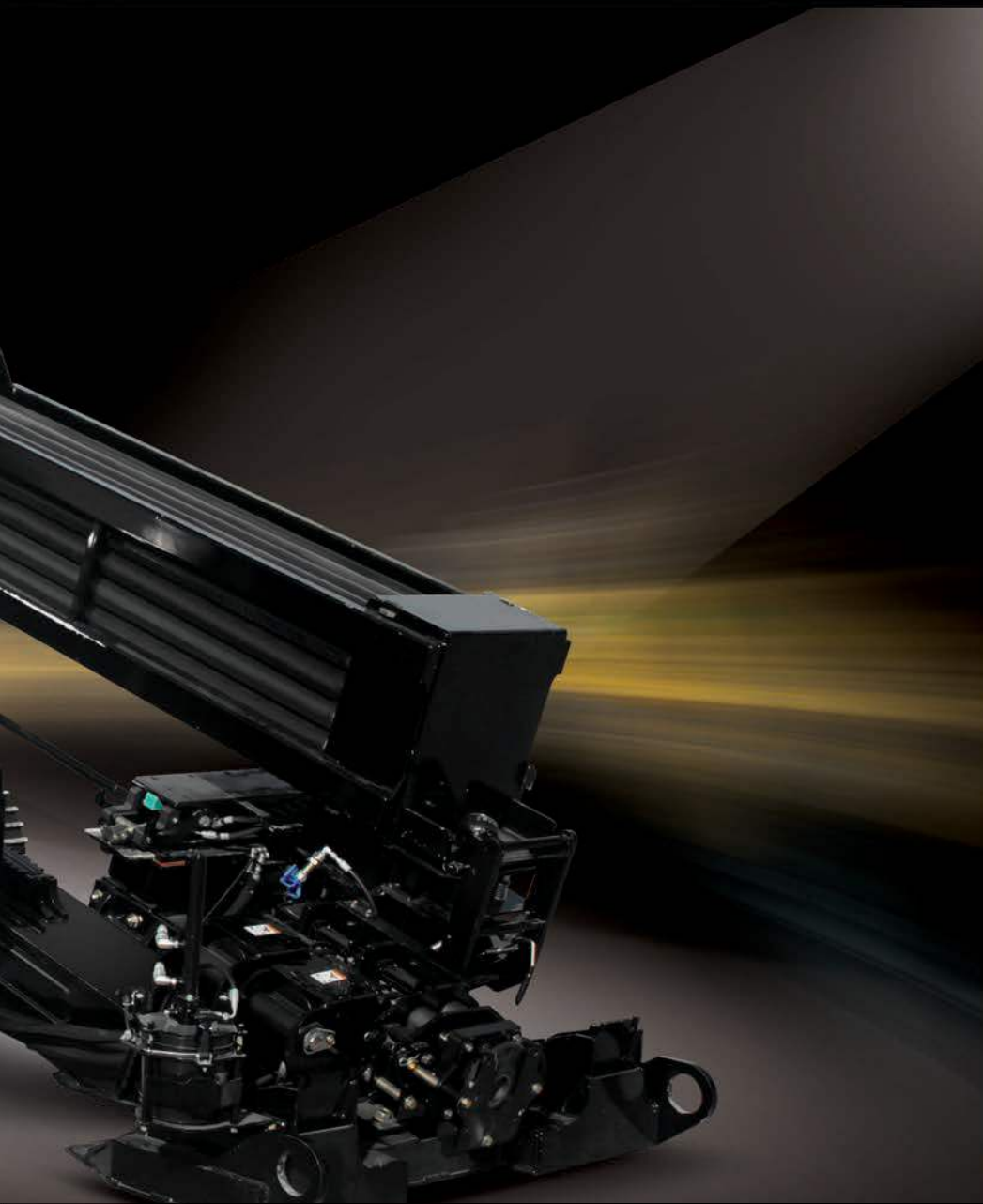


1: Includes a large opening, open top vise allowing the passage of larger tooling. Because of the large opening, operators can also use it to break out tooling.

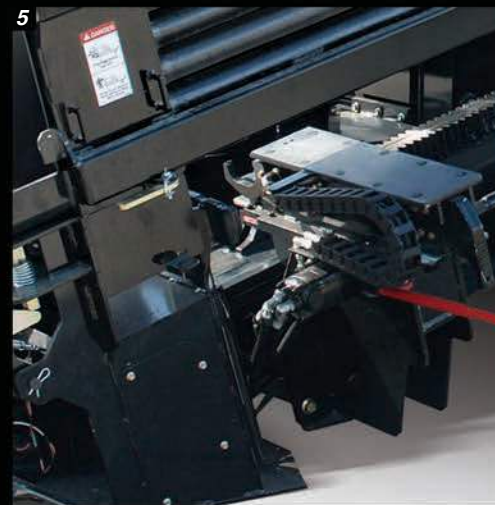
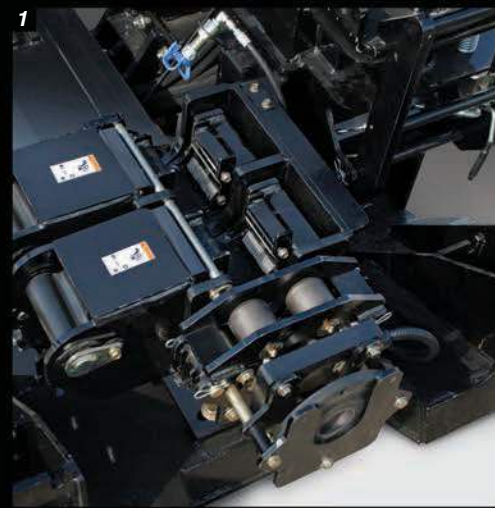
2: Straightforward and reliable rod loader is inspired by the popular and proven D24x40 Series II Navigator HDD design.

3: Standard 7" (17.8 cm) LCD color monitor offers visibility to key drilling function parameters, as well as DCI locator information.

4: Select the optional, climate-controlled cab and drill in ultimate comfort.



5: With considerations to ease of use, the quick-change rod box reduces the need to manually load drill rod.



6: Experience the difference that has made one-piece, forged Firestick drill rod the industry benchmark.

D60x90 SPECIFICATIONS

DIMENSIONS

Length with 10' (3 m) rod: 24' (7.3 m)

Length with 15' (4.6 m) rod: 26' (7.9 m)

Width (transport): 90" (228.6 cm)

Height (no cab): 79" (200.7 cm)

Height (cab): 104" (264.2 cm)

Weight with 10' (3 m) rod: 32,000 lb (14,515 kg)

Weight with 15' (4.6 m) rod: 36,000 (16,329.3 kg)

OPERATIONAL

Max spindle torque: 9000 ft-lb (12,202.4 Nm)

Max spindle speed: 200 rpm

Thrust: 60,000 lb (266.9 kN)

Pullback: 60,000 lb (266.9 kN)

Max carriage speed: 175 fpm (53.3 m/min)

Drill rack angle: 14-18 degrees

DRILLING FLUID PUMP

Drilling fluid pump – Option 1

Max flow: 150 gpm (567.8 L/min)

Max pressure: 1200 psi (82.7 bar)

Drilling fluid pump – Option 2

Max flow: 70 gpm (265 L/min)

Max pressure: 1200 psi (82.7 bar)

FEATURES

Wireless ground drive remote control: Standard

Drilling lights: Standard

Climate-controlled cab: Optional

Stakedowns: Optional

Dual operator monitors: Optional

Steel or rubber tracks

SAFETY

Remote lockout: Standard

Electric strike alert: Standard

POWER

Engine: John Deere 6068 Turbo

Gross power rating: 185 hp (138 kW)

Emissions classification: Interim Tier 4
(EU Stage IIIB)

DRILL STEM

Firestick drill rod – Option 1

Length: 10' (3 m)

Pipe diameter: 2.875" (7.3 cm)

Max bend radius: 168.7' (51.4 m)

Weight: 125 lb (57 kg)

Rod carrying capacity: 400' (121.9 m)

Firestick drill rod – Option 2

Length: 15' (4.6 m)

Pipe diameter: 2.875" (7.3 cm)

Max bend radius: 168.7' (51.4 m)

Weight: 145 lb (65.8 kg)

Rod carrying capacity: 600' (182.9 m)

Firestick drill rod – Option 3

Length: 15' (4.6 m)

Pipe diameter: 3.5" (8.9 cm)

Max bend radius: 197.4' (60.2 m)

Weight: 234 lb (106.1 kg)

Rod carrying capacity: 360' (109.7 m)

To help ensure smooth-running operations, your local Vermeer dealer offers everything from training and tooling, to electronics and software.



Vermeer Cutting Edge offers tooling built to the exacting specifications of Navigator HDDs, and backs it up with industry-leading product knowledge and availability.



It's in the mix. Select Vermeer drilling fluid systems feature a modular design for flexible mounting options.



Pick up bentonites, polymers and wetting agents from your Vermeer dealer.



The family of DCI DigiTrak® locators offers the industry standard in technology and ease of use.



The global team of Vermeer Navigator specialists provide localized training and expertise to the drilling conditions in your area.



Vermeer e-CALC estimates project emissions and can demonstrate environmental advantage to trenchless over competitive methods.

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