

Vermeer®

Horizontal Directional
Drilling System

SIX SHOOTER™



The Vermeer D6x6 NAVIGATOR Six Shooter HDD.

The D6x6 NAVIGATOR Six Shooter horizontal directional drill is yet another trenchless innovation backed by years of Vermeer experience. Its compact size and design makes it convenient for towing and set-up. The Six Shooter HDD is an ideal machine for curb-to-the-home applications. Set-up quickly, aim, and “shoot” to your target - that’s why it’s known as the “Six Shooter” HDD.



Compact and light towing package.

The compact size and light weight of the Six Shooter HDD allows it to be transported on a small sized trailer with the Vermeer ST250 Modular Drilling Fluid System, a self-contained mixing system using a 250 gallon tank. The total weight of the drill, mixing system, tooling, and trailer is less than 10,000 lb (4545 kg).

**Based on trailer with a gross vehicle weight rating less than 10,000 lb (4545 kg) gross weight towing capacity.*



Serviceability. A full length hood opens to expose the engine and hydraulics for easier maintenance and service.



Compact size.

With a footprint of 35.5 inches (90 cm) width by 115 inches (292 cm) length, the Six Shooter HDD can be maneuvered within job sites where work space is confined.



Conveniently located controls.

With the vise controls integrated into the joysticks, there's no need for the operator's hands to leave the joystick in order to operate the vise controls.



Power-to-size ratio.

Besides having the most compact footprint in its class of horizontal directional drills, the Six Shooter HDD has the greatest power-to-size ratio. With a 25 hp (18.6 kW) engine, the Six Shooter HDD has 550 ft-lb (746 Nm) of rotary torque and 5500 lb (2495 kg) of thrust/pullback.

Carriage/Vise Speed. With a maximum of 130 feet per minute (40 m/min), the carriage speed enables the drill rods to move up and down the rack efficiently.

Fast Drops and Quick Shots with



th the Vermeer Six Shooter HDD.



Six Shooter HDD Specifications

Drill Unit

Length: 115" (292 cm)
Width (fixed tracks): 35.5" (90 cm)
Height: 51" (129.5 cm)
Weight: 3240 lb (1209 kg)
Breakout system: Hydraulic vise
Stakedown system: Stationary, dual stakes
Remote Lockout System
Carriage Speed: 130 fpm (40 m/min)

Operational

Max spindle torque: 550 ft-lb (746 Nm)
Max spindle speed: 180 RPM
Thrust (actual): 5500 lb (2052 kg)
Pullback (actual): 5500 lb (2052 kg)

Water System

Max flow: 5 gpm (23 L/min)
Max pressure: 500 psi (34 bar)

Power Source

Engine: Kubota Tier II D-1105 diesel
Gross hp: 25 hp (18.6 kW)
Max. governed speed: 3150 RPM

Drill Stem

Type: Forged Firestick
Length: 6' (1.8 m)
Pipe diameter: 1.32" (3.3 cm)
Minimum bend radius: 57.3' (17.5 m) w/ 1.32" (3.3 cm) stem
Weight: 17 lb (8 kg) w/ 1.32" (3.3 cm) stem
Rod carrying capacity: 150' (45.7 m) of 1.32" (3.3 cm) stem

Bore

Minimum bore diameter: 2.25" (6 cm)

Fluid Capacities

Engine oil (including filter): 4 qt (4 L)
Fuel tank: 5.5 gal (21 L)
Hydraulic reservoir: 13 gal (49 L)



The right ammunition. The Six Shooter HDD carries up to 150 feet (45.7 m) of one-piece FIRESTICK® 1 drill stem in 6 feet (1.8 m) lengths designed to handle high torque while retaining a large inside diameter for superior drilling fluid flow.



Wetting agents, polymers, and bentonites — It takes the right mix to get through the tough bores. Vermeer offers specially formulated nontoxic polymer and bentonite drilling fluids to get the job done.



The efficient, economical way to plan a bore. Vermeer ATLAS BORE PLANNER® software heightens professionalism by aiding the operator in preplanning the bore and comparing the planned bore path with the actual bore path. The Vermeer FieldCalc system combines software and a handheld computer to provide job site calculations, including setback distance, pullback time and point-to-point calculations.



Optional green tracks. Manufactured by ASV, Inc., the optional smooth green tracks minimize damage to ground surfaces including golf courses, parks, and residential and commercial yards. In addition to less restoration to turf surfaces, green tracks eliminate track marks on cement driveways which can often be left behind by rubber tire or conventional rubber track machines.



The ST250 Modular Drilling Fluid System is designed for fast mixing of high volumes of drilling fluid for HDD applications. The system's 5.5 horsepower (4.1 kW) Briggs & Stratton gas engine has the capacity to mix and deliver up to 250 gallons (946 L) of fluid.

Vermeer offers everything from specialty tooling to training and technology.

At any given time, more than half of all horizontal directional drilling units in the world are Vermeer NAVIGATOR machines. To help ensure smooth-running operations, Vermeer offers everything you need – from one-day training seminars to computer software – for more efficient bore planning and performance.



Get the parts and service edge. In addition to providing quality equipment, Vermeer delivers top-quality parts and superior services. Vermeer parts are manufactured to exacting specifications to help keep your Vermeer equipment running trouble-free and at OEM specifications.



Vermeer features a global team of NAVIGATOR HDD solutions specialists that provide localized training and operation expertise designed for the conditions in your area.



One-day horizontal directional drilling seminars offered by industry experts at a Vermeer dealership near you focus on current issues in the horizontal directional drilling industry.



The Vermeer Cutting Edge Group produces some of the world's most popular HDD tooling, specialty tooling, and custom-made tooling. Call for a **FREE** HDD accessories catalog!

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