

Vermeer®

Horizontal Directional Drill

D 200x300



NAVIGATOR®

NAVIGATOR[®]

D200x300

The Jumbo Drill Of Choice.

When it comes to horizontal directional drills, Vermeer leads the industry with more drills at work around the world than any other manufacturer. Our line of jumbo drills turns heads when it comes to production, quality, and reliability.

The Vermeer[®] D200x300 NAVIGATOR[®] horizontal directional drill is no exception. This power-packed performer meets the needs of large drilling contractors with increased flexibility, serviceability and mobility.

Because the D200x300 measures within legal dimensions in transport mode, it meets industry need for increased flexibility and ease of transport any time of day. The unit also offers quick setup of all components, including the engine, hydraulics, operator's cab, crane, and breakout system, are part of the machine.

With a rack and pinion design, the D200x300 offers 30,000 ft-lb (40,700 Nm) of rotational torque for drilling in difficult ground formations and turning large backreamers, and with 200,000 pounds (90,700 kg) of thrust/pullback force, the unit packs an impressive amount of muscle for those long and large-diameter drilling projects.

The machine also increases efficiency by allowing a single operator to run everything from the climate-controlled operator's station. All functions, including transport, drilling controls, crane, and drilling fluid controls, are operated from the cab.

Drill pipe up to 32 feet (9.75 m) in length and upset diameters up to 10 inches (25 cm) can be utilized by the D200x300.

Vermeer also provides the industry's only global dealer network of jumbo drill rigs. This means that wherever the jobsite is located, service and support are nearby and ready to help.



Parts and service support from Vermeer. Vermeer is a leader in reliability and support. We work with your local Vermeer dealership to provide unsurpassed service and parts support no matter where you are in the world.



Highway Transport. Although the D200x300 is an overweight load, the unit can be transported any time of day because it's within legal dimensions in the transport mode. The unit features an integral



HORIZONTAL DIRECTIONAL DRILLING SYSTEM



Self Contained Design. The D200x300 offers quick setup time. All components, including the crane and cab, are part of the machine and requires minimal setup time. Only the high pressure fluid line and corresponding electrical line require setup.



All functions operated from the cab . The D200x300 helps eliminate the need to operate transport, drilling controls, crane and drilling fluids remotely, or to move to a different location on the machine for various functions. This increases manpower efficiency by allowing a single operator to run everything from the operator's station. Also provides room for a second crew member to consult in the drilling operation.



Serviceability. Engine bay doors that fully open on one side of the machine provide easy entry to engine service points, fuel, hydrostatic pumps and filters, and hydraulic diagnostic ports.

D200x300 Specifications

Drill Unit

Width: 100" (254 cm)

Height: 134" (340 cm)

Weight w/drill rod: 76,000 lbs (34,473 kg)

Length: 50.3' (15.3 m)

Operational

Max spindle torque:

@ 50 rpm: 30,000 ft-lb (40,680 Nm)

@ 70 rpm: 22,700 ft-lb (30,7810 Nm)

@ 100 rpm: 15,000 ft-lb (20,340 Nm)

Max spindle speed: 100 rpm

Thrust (actual): 200,000 lb (90,718.5 kg)

Pullback (actual): 200,000 lb (90,718.5 kg)

Min bore diameter: 6.5" (17 cm)

Max ground drive speed: 3 mph (4.8 km/h)

Max carriage speed: 63 ft/min (19.2 m/min)

Drill rack angle: 21°

Remote Lockout: Yes

Power

Engine: Caterpillar C-12

Gross power rating: 400 hp (298 kW)

Net power rating: 360 hp (268 kW)

Rated rpm: 2100 rpm

Fluid Capacities

Fuel tank: 210 gal (795 L)

Hydraulic Reservoir: 200 gal (757 L)

Crane

Max lifting capacity: 14,000 lbs (6350 kg)

Max. lifting capacity - boom extended max reach: 2,600 lbs (1179 kg)

Rotation: 360°

Max Reach: 25 ft (7.6 m)

Features

Breakout system

Drilling Lights

Flow Indicator

Stakedown System - Pad mount

Cab: Integrated 2-person all climate

Drill Pipe

Type: will accept up to 32' oil field stem

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 provide smooth-running operations, Vermeer offers everything you need – from one-day training seminars to computer software – for more efficient bore planning and performance.

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! **Call 1-866-VERMEER or view online at www.vermeer.com.**



Vermeer drilling fluid management systems provide the horizontal directional drill with quality mud mixing in a minimum amount of time. Smaller systems are self-contained on a mounting skid. Larger systems are available preassembled on mounting platforms to provide drilling operations with greater versatility.

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

Locating systems are developed by working closely with the world's premier locating companies. Vermeer helps keep you on the leading edge of technology by offering a variety of options designed to meet the needs of varying applications.



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 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 hand-held computer to provide job site calculations, including setback distance, pullback time, and point-to-point calculations.

Your Complete Global Service Provider for Quality Parts and Service.



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 offers factory-certified training programs to its dealer network to ensure that the most current service procedures are presented to the service personnel of your Vermeer dealer.



Genuine Vermeer parts are precision crafted to match your Vermeer equipment EXACTLY. This ensures that your system will run as smoothly as possible, with the least amount of service and maintenance.

Vermeer®

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