

Vermeer Muscles Up With New D330x500 Drill

Vermeer's top-of-the-line horizontal directional drill has become more powerful with the introduction of the D330x500 Navigator.

Compared to its predecessor, the D300x500, the new machine has more horsepower and pullback, along with other features designed to make it more productive and easier to operate.

Powered by a Tier 3, 540-horsepower diesel engine, the unit develops 330,000 pounds of pullback, an increase of 30,000 pounds over the D300x500. Maximum spindle torque is 50,000 pounds. In addition, the cooling package has been enhanced to accommodate the larger engine. An all-new graphic display drill monitoring system helps the operator check all drill functions and serves as a diagnostic tool to help with troubleshooting. In the event of a drill malfunction, the display automatically informs the operator with a warning fault light and helps speed service diagnostics in the field.

The operator's station has been completely redesigned and reconfigured to allow control of transport, drilling and pullback, pipe make-up and breakout, volume of drill-

ing fluid and an on-board crane from the climate-controlled cab, says Marv Klein, Vermeer trenchless solutions specialist. Arrangement of controls is more ergonomically friendly and provides easy, natural operation of all functions. The cab offers a 360-degree view of the job site and is large enough to accommodate two people.

Because cab and crane are integral components of the machine, set-up is simple and fast. For routine maintenance, the engine and hydraulic components are easily accessed through two doors without removal of shields.

"The D330x500 is designed for long installations of large-diameter pipes for applications such as pipelines and water and sewer construction," says Klein. "The unit is capable of making installations from 4,000 to 5,000 feet, depending on soil conditions and product diameter and weight. For such projects, the machine often would



use a mud motor and a wireline tracking system."

Vermeer currently offers 12 HDD models, ranging from the 5,500-pound pullback D6x6 to the new D330x500, along with downhole tools, drill pipe and other support equipment. In addition, Vermeer's underground utility construction equipment lineup includes a wide selection of trencher and vibratory plow models. Vermeer products are sold and serviced by its worldwide dealer organization.

FOR MORE INFO:

HDD rig:

Vermeer, (888) 837-6337, vermeer.com