

PART NO.	PRODUCT
ULTRA X3 275 INTENDED FOR MODELS SUCH AS THE VERMEER D10X15 S3 HDD OR THE DITCH WITCH JT10	
296566776	Ultra X3 275 housing 2.75-in OD x 2-in API IF (7-cm OD x 5.1-cm API IF)
296566803	Ultra X3 275 Lance Pro bit - 3.5-in (9-cm) cut with pullback hook
296566780	Ultra X3 275 Lance Trident bit - 3.5-in (9-cm) cut with pullback hook
296566774	Ultra X3 275 Gauntlet bit - 3.5-in (9-cm) cut with pullback hook
296569556	Ultra X3 275 single roller cone bit - 3.5-in (9-cm) cut
296566772	Ultra X3 275 plate bit sub - Vermeer .5-in 6-bolt pattern
296569603	Ultra X3 275 weld-on reamer adapter
296569553	Ultra X3 275 pull eye (for use with swivels 296496479 or 296496480)
296569570	Ultra X3 275 6-in (15-cm) fluted reamer x pull eye (for use with swivels 296496479 or 296496480)
296569572	Ultra X3 275 8-in (20-cm) fluted reamer x pull eye (for use with swivels 296496479 or 296496480)
296569566	Ultra X3 275 6-in (15-cm) mix reamer x pull eye (for use with swivels 296496479 or 296496480)
296569574	Ultra X3 275 8-in (20-cm) mix reamer x pull eye (for use with swivels 296496479 or 296496480)
ULTRA X3 325 INTENDED FOR MODELS SUCH AS THE VERMEER D24X40 S3 HDD OR THE DITCH WITCH JT24	
296555441	Ultra X3 325 housing 3.25-in OD x 2.375-in API Reg (8-cm OD x 6-cm API Reg)
296566924	Ultra X3 325 Lance Pro bit - 4.25-in (11-cm) cut with pullback hook
296566925	Ultra X3 325 Gauntlet bit - 4.25-in (11-cm) cut with pullback hook
296566930	Ultra X3 325 single roller cone bit - 4.25-in (11-cm) cut
296544190	Ultra X3 325 plate bit sub - Vermeer .5-in 6-bolt pattern
296566927	Ultra X3 325 weld-on reamer adapter
296566935	Ultra X3 325 pull eye (for use with swivel 296496480)
296566929	Ultra X3 325 6-in (15-cm) fluted reamer x pull eye (for use with swivel 296496480)
296566940	Ultra X3 325 8-in (20-cm) fluted reamer x pull eye (for use with swivel 296496480)
296566938	Ultra X3 325 10-in (25-cm) fluted reamer x pull eye (for use with swivel 296496480)
296566931	Ultra X3 325 6-in (15-cm) mix reamer x pull eye (for use with swivel 296496480)
296566941	Ultra X3 325 8-in (20-cm) mix reamer x pull eye (for use with swivel 296496480)
296566942	Ultra X3 325 10-in (25-cm) mix reamer x pull eye (for use with swivel 296496480)
ULTRA X3 375 INTENDED FOR MODELS SUCH AS THE VERMEER D40X55 S3 HDD OR THE DITCH WITCH JT40	
296566842	Ultra X3 375 housing 3.75-in OD x 2.875-in API Reg (10-cm OD x 7.3-cm API Reg)
296566864	Ultra X3 375 Lance Pro bit - 5-in (12.5-cm) cut with pullback hook
296566868	Ultra X3 375 Gauntlet bit - 5.5-in (14-cm) cut with pullback hook
296569561	Ultra X3 375 single roller cone bit - 5.5-in (14-cm) cut
296566858	Ultra X3 375 plate bit sub - Vermeer .5-in 6-bolt pattern
296566852	Ultra X3 375 plate bit sub - Vermeer .625-in 6-bolt pattern
296569604	Ultra X3 375 weld-on reamer adapter
296569563	Ultra X3 375 pull eye (for use with swivel 296500583)
296569592	Ultra X3 375 8-in (20-cm) fluted reamer x pull eye (for use with swivel 296500583)
296569594	Ultra X3 375 10-in (25-cm) fluted reamer x pull eye (for use with swivel 296500583)
296569602	Ultra X3 375 12-in (30-cm) fluted reamer x pull eye (for use with swivel 296500583)
296569597	Ultra X3 375 8-in (20-cm) mix reamer x pull eye (for use with swivel 296500583)
296569595	Ultra X3 375 10-in (25-cm) mix reamer x pull eye (for use with swivel 296500583)
296569596	Ultra X3 375 12-in (30-cm) mix reamer x pull eye (for use with swivel 296500583)

BORESTORE
HDD TOOLING AND ACCESSORIES WAREHOUSE

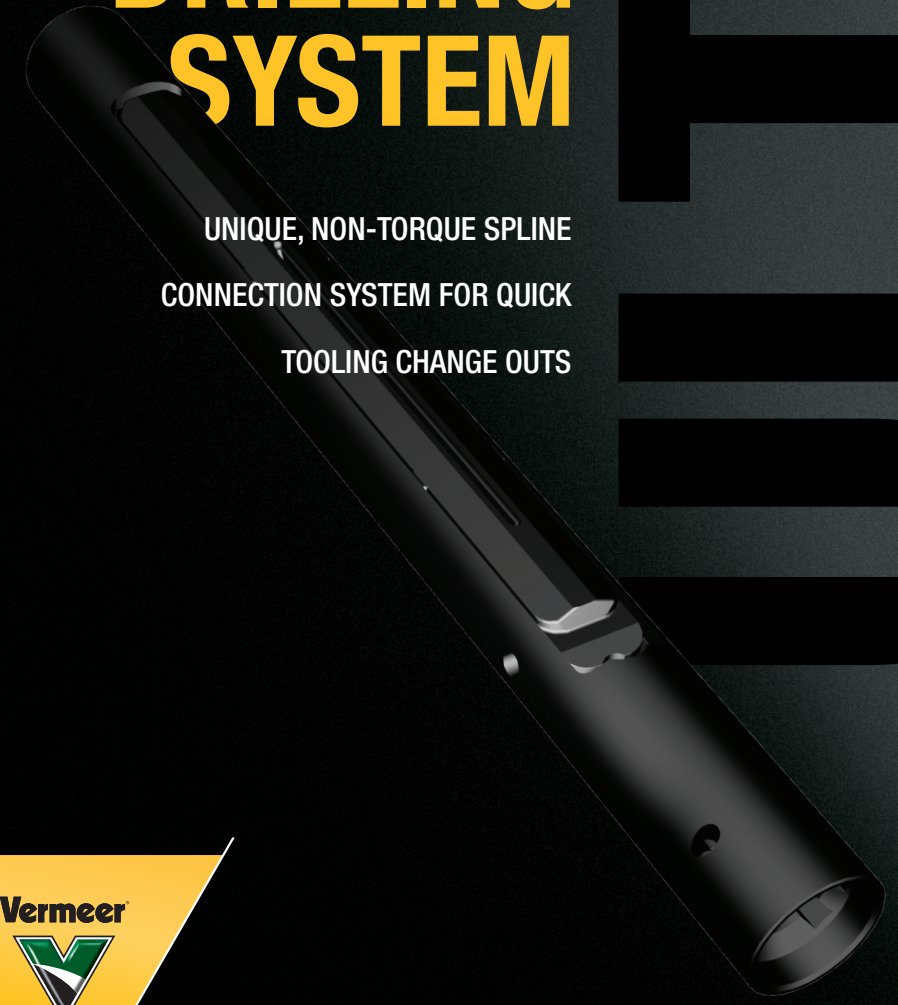
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See the Vermeer
Ultra X3 in action:



VERMEER ULTRA X3 DRILLING SYSTEM



UNIQUE, NON-TORQUE SPLINE
CONNECTION SYSTEM FOR QUICK
TOOLING CHANGE OUTS



The Vermeer Ultra X3 drilling system is designed for utility-sized rigs digging in most ground conditions. Equipped with a unique, non-torqued spline connection system, it offers compatibility with a wide range of pilot bit and pullback configurations. This enhances the operator's ability to move from one drill to another and maintain familiarity with the HDD tooling.

THE X3 FACTORS OF ULTRA X3

1. Swap out tooling quickly with just two knockout dowel pins.
2. Capable of reaming directly from the transmitter housing, while providing the option to track the location of product and monitor fluid pressure upon pullback.
3. Eliminate starter rods, collars and adapters in certain applications and ground conditions.

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THE ULTRA X3 FACTORS

1 NO BREAKOUT TONGS NEEDED

Since the Vermeer Ultra X3 uses a robust spline connection system, tooling doesn't have to be threaded on, eliminating the need for breakout tongs to make and break torqued tooling connections. Operators just need to align the spline on the tooling with the spline on the housing, then secure tooling by tapping in dowel pins.

2 REAMING FROM THE TRANSMITTER HOUSING

The system is capable of handling the torque of reaming diameters up to 12 inches (30.5 cm) in most conditions from the transmitter housing. Also, it's set up to use a full offering of plate bits and rock tooling like the Vermeer Gauntlet, Lance and single roller cone bits. Two reaming options – fluted and mixing – let you choose from pull tab or swivel options.

3 ADVANTAGES OF QUICK-CONNECT

The Ultra X3 housing uses a standard API rear connection and also works with quick-connect systems like the Vermeer QuickFire® HD connection system. However, contractors may find value in skipping the expense of starter rods and collars because there is a quick-connect on the bit side of the housing.

“With the new Ultra X3, we feel very confident in getting to where we need to go. We only use Vermeer tooling, and we love the new Ultra X3. I would recommend it to anybody.”

– Josh Redburn, A&S Utility Services



“With the Ultra X3, contractors can sub out conventional quick-connect components for a transition adapter rod, increasing operational efficiency.”

– Chris Fontana, Vermeer Cutting Edge & Borestore Sales Manager

BONUS X3 FACTOR

The Ultra X3 Drilling System reduces the size of the exit pit required, thus the time required to dig an exit pit — optimizing jobsite efficiency. Since the Ultra X3 doesn't require the housing be removed for most pullbacks, HDD crews can change over from pilot to pullback in a smaller space with less repetitive lifting. Smaller pit requirements can also help reduce restoration work.

The Vermeer Ultra X3 is available in three different sizes covering all HDD models rated up to the 40,000-pound (177.9-kN) drill range.



Ultra X3 375 8 in, 10 in and 12 in (20.3 cm, 25.4 cm and 30.5 cm)
HDDs in the 40,000-pound (177.9-kN) drill range —
Vermeer D40x55 S3 HDD or Ditch Witch JT40 HDD



Ultra X3 325 6 in, 8 in and 10 in (15.2 cm, 20.3 cm and 25.4 cm)
HDDs in the 24,000-pound (106.8-kN) drill range —
Vermeer D23x30 S3 HDD, D24x40 S3 HDD or Ditch Witch JT30 HDD



Ultra X3 275 6 in and 8 in (15.2 cm and 20.3 cm)
HDDs in the 10,000-pound (44.5-kN) drill range —
Vermeer D10x15 S3 HDD or Ditch Witch JT10 HDD