





## PIPELINE CAPABILITIES





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# YOUR COMPLETE PIPELINE SUPPLIER

To support a growing population, oil and gas need to be delivered in a cost-effective, safe and environmentally responsible manner. As contractors entrusted with this work, you require reliable and productive equipment to help get the job done efficiently and effectively — from right-of-way clearing through pipeline installation.

You deserve an equipment partner who understands the stresses and risks inherent to the pipeline frontier, while offering the expertise and support necessary to keep you running — an ally like Vermeer.

Vermeer has more than 50 years of experience in the pipeline business, and we're committed to offering our partners in progress the solutions that help move your business and the world forward.

With a regional and local dealer support network, pipeline trailblazers like you can rest assured Vermeer has an expert nearby, ready to support your project.

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## **CLEARING THE WAY**

With a strong reputation for tough, reliable recycling and forestry equipment, Vermeer can help clear the way for your next pipeline installation. The Vermeer forestry tractor, with its above-ground mulcher attachment, is built for operator ease and efficiency when it comes to land clearing. Get your pipeline project started on the right path, and help maintain the right-of-way moving forward.

- With an option of steel or low ground pressure tracks, the forestry tractor can meet your site conditions and needs.
- The above-ground mulcher attachment features a ringed rotor for consistent depth of cut, and the hydraulic system utilizes a higher flow with less pressure for improved hydraulic component life.
- With side and rear engine compartments accessible without additional tools, the easy-to-maintain forestry tractor keeps your job moving forward.



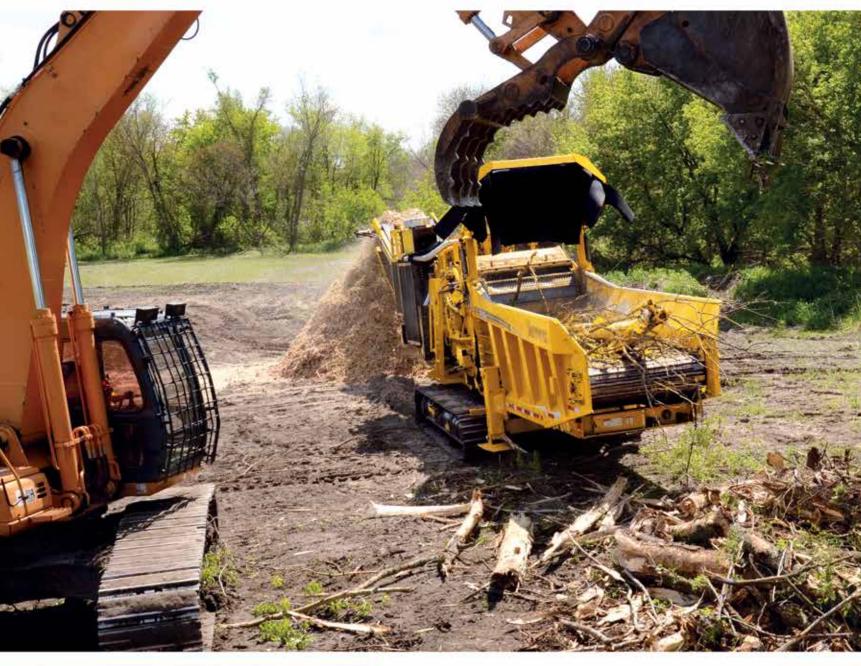


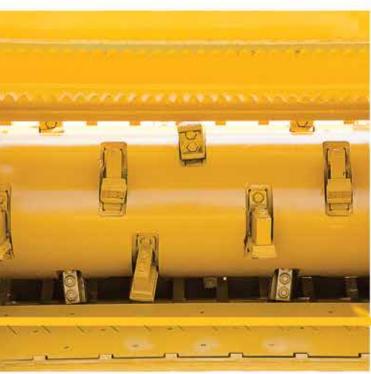




















### PROGRESSIVE PROCESSING

For more than a decade, Vermeer has led the wood waste processing industry with horizontal grinders that are built tough and offered in a variety of configurations for large land-clearing projects. In addition, the whole tree chipper can be used to process smaller logs and slash to create wood chips that can be sold for additional revenue, or rebroadcast on the ground for distribution with soil piles.

#### THE VERMEER ADVANTAGE

#### **HORIZONTAL GRINDERS**

- Vermeer horizontal grinders are equipped with a patented duplex drum design, featuring reversible hammers and tips that simplify maintenance and nearly double wear life.
- Track-driven grinders provide mobility on remote site locations.
- A dolly transport system, available on select models, allows a track-driven grinder to be transported between sites without a separate trailer.

#### WHOLE TREE CHIPPERS

- With multiple knife options, one machine can provide different chip sizes to meet end-use requirements.
- A skidder grab allows the whole tree chipper to be easily moved around the jobsite.
- The drum and discharge chute are designed with replaceable wear parts to help extend machine life and make maintenance more convenient.

## HARD-NOSED AND **SURE-FOOTED**

Time- and contractor-tested, Vermeer pipeline trenchers have cut through some of the world's toughest landscapes. Built hard-nosed to power through abrasive rock and nimble enough to traverse mountain ranges, the Vermeer family of trenchers has been an invaluable asset on the pipeline for 50 years.

- The TEC® Plus electronic control system communicates with multiple machine control modules for real-time performance data and advanced troubleshooting capabilities.
- On select models, an oscillating track frame allows the trencher to follow the ground's contour ensuring a vertical trench on slopes up to 10 degrees.
- A wireless remote control provides full operation functionality and is designed to be used in conditions such as working near a high wall or unloading/loading onto a trailer.

























## A CUT **ABOVE THE REST**

When the jobsite is remote, getting bedding or backfill material in and out can be almost impossible. Unlike excavation, Vermeer pipeline trenchers create even trench floors reducing the need for extra bedding. And due to the boom cutting action, consistent-sized backfill is readily available - saving valuable time.

- An elevating cab provides a view of the boom, trench and conveyor.
- Operators can adjust the trencher's boom length to match jobsite requirements.
- A hydrostatic transmission provides maximum power, high torque and is backed by an industry-leading 5-year, 5000-hour extended care package.

## SETTING THE **STANDARD**

As the underground construction industry has evolved over the last 20 years, Vermeer has responded with an expanded drill lineup to better serve pipeline contractors. Recognizing your need for equipment you can rely on, our drills help make a real impact on your productivity.

- A self-contained design allows the drill to fit in tight right-of-ways and congested urban areas, while minimizing trucking and hauling expenses.
- Common controls throughout the Vermeer Navigator® HDD drill lineup can decrease operator training time and allow for faster startups.
- A commitment to low-speed, high-torque design helps operators muscle through difficult ground conditions.























## MASTER THE SUBTERRAIN

The longest shots and the most difficult ground conditions require a drill that can install the biggest pipe in a cost-effective and timely manner. The Vermeer maxi rig lineup provides the power and performance tough pipeline jobs require and is supported by a Vermeer dealer network committed to helping you maximize jobsite productivity.

- A hydraulic motor design allows for full torque and rotation simultaneously, helping with productivity and efficiency.
- Innovative rear lift design helps make setup easier, minimizes the amount of support equipment required and allows operators to set their drill rack at the preferred angle.
- A split vise design features a front and rear removable module for improved visibility down the drill stem and ease-of-maintenance.

## MAXIMIZE YOUR DRILL TIME

You know it takes more than a drill to meet the challenges of pipeline jobsites. Reclaimers and high pressure mud pumps help contractors reduce jobsite costs by recycling drilling fluid. On jobsites where large volumes of fluid are pumped each day, this family of support equipment allows you to spend more time drilling and less time hauling.

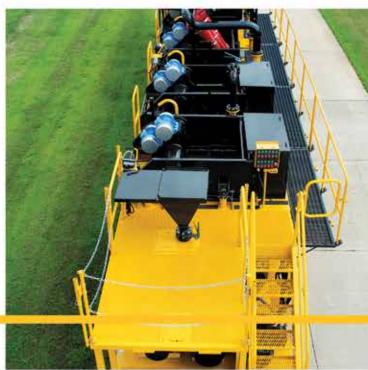
- The high pressure mud pump delivers a consistent flow of drilling fluid that is vital to helping maximize productivity.
- For premium performance in a variety of conditions, operators can select a linear or orbital shaker motion to improve recycling performance.
- Spacious working decks on Vermeer reclaimers offer pallet storage space and convenient access to the mix hopper.























## **MAINTAINING YOUR JOBSITE**

Vermeer partners with two of the trenchless industry's leading vacuum excavation systems manufacturers – Vac-Tron and McLaughlin – to provide you the very best in waste disposal and site cleanup options. As the challenges posed by regulations on pipeline jobsites grow, vacuum excavation systems offer invaluable ways to help keep your jobsite maintained, on schedule and profitable.

- Low-profile and practical design considerations make vacuum excavation systems an indispensable addition to your fleet.
- Hydraulically operated rear doors offer convenience and security, minimizing the possibility of waste leakage.
- A variety of capacity and mounting options allows you to choose the system best suited to your operation.

## IT TAKES MORE THAN A MACHINE

Vermeer knows your toughest jobs require equally tough tools. Rely on the BORESTORE® HDD tooling and accessories warehouse team for the customized tooling solutions you need to take on your next pipeline challenge. Choose from a variety of trencher chains to cut through rocky conditions, while our selection of grinder screens helps maximize your sizing versatility. Lighten the heavy lifting with the DECKHAND® Pipe Handling System by LaValley Industries — an intuitive system that reduces the need for ground personnel and increases jobsite efficiency.

- Our parts support team is dedicated to your jobsite success, and prides themselves on the ability to deliver technical assistance and spare parts quickly.
- The Vermeer team of pipeline tooling experts stands ready to assist you with bits, reamers and beyond for your most difficult projects.
- Depending on ground conditions, you can choose a strong, stronger or strongest chain option for your Vermeer pipeline trencher.













## **COMMITMENT TO OUR CUSTOMERS**

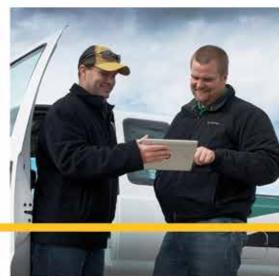
When it's on the line, you require a partner who can provide the support and technology solutions to help keep your job productive. Vermeer is ready to stand behind your next project - no matter where it takes you with local expertise and dealer support.

- Let InSite™ Productivity Tools help you make key decisions on your Vermeer fleet of equipment. Available on select Vermeer models.
- The Vermeer BoreAid® design tool helps you perform your next bore efficiently by taking into account ASTM/PRCI standards and consistent HDD planning methods.
- With customer support and protection tools such as Confidence Plus<sup>™</sup> (available on select HDD and horizontal grinder models), safeguarding your operation and protecting your equipment assets has never been easier.









Your personalized equipment and support plan awaits.



Equipment shown is for illustrative purposes only and may display optional accessories or components. Please contact your local Vermeer dealer for more information on machine specifications.

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