

Vermeer®



VERMEER

HORIZONTAL

GRINDERS

EQUIPPED

TO HELP YOU PROCESS MORE ORGANIC MATERIALS

Efficiently transforming wood and other organic materials into a useful end product is a **growing opportunity that requires dedicated solutions**. Whether you are processing organic waste into compost, producing wood chips for power generation or turning discarded wood debris into mulch, Vermeer has a solution that helps you do more.

Vermeer horizontal grinders deliver efficiency, versatility, durability and power for all your large land-clearing, waste and composting challenges.

VERMEER HORIZONTAL GRINDER LINEUP



/ HG4000 /

GROSS HORSEPOWER (MAXIMUM) – 536 hp (399.7 kw)



/ HG4000E /

GROSS HORSEPOWER (MAXIMUM) – 552hp (411.6 kw)



/ HG6000 /

GROSS HORSEPOWER (MAXIMUM) – 755 hp (563 kw)



/ HG6000E /

GROSS HORSEPOWER (MAXIMUM) – 762hp (568.22 kw)



/ HG6000TX /

GROSS HORSEPOWER (MAXIMUM) – 755 hp (563 kw)



/ HG6800TX /

GROSS HORSEPOWER (MAXIMUM) – 950 hp (708.4 kw)



SCAN TO SEE THE FULL LINE OF HORIZONTAL GRINDERS.

“ We’ve tried other grinders, and it’s just not the same. The Vermeer HG6800TX horizontal grinder is an amazing machine and the crews love running it. They’d be very upset if I changed brands on the grinder. If I can give them machines to make their jobs easier and more productive . . . then that’s what we are going to stick with. ”

– Rich Kingsborough,
Atlas Tree Surgery,
Santa Rosa, California

DESIGNED FOR THE DAILY GRIND

EASE OF MAINTENANCE

Equipment designed for optimal machine access and automation helps to streamline routine maintenance needs.

OPERATOR CONTROL

Technological features maximize operator control both on the machine and from the loader cab.

CONTAMINATION DEFENSE

On select models, the optional Vermeer Damage Defense system helps protect your machine by detecting certain metal contaminants, which reduces the likelihood of metal being processed by the hammermill.

ENGINE HORSEPOWER

Process difficult materials with powerful engines that are backed by worldwide service and support.

JOBSITE SAFETY

Enhance jobsite safety with a thrown object deflector (TOD) that reduces the quantity and distance of thrown debris.

POWERFUL FEEDING

Feed whole trees and other large material with less restriction thanks to large feed openings and low sidewalls. Spend more time feeding and less time adjusting settings with the SmartFeed system.

OPTIMAL CUTTING PERFORMANCE

The patented duplex drum features reversible hammers and tips to help reduce maintenance time and maximize wear life.

BUILT FOR EFFICIENT FEEDING

Infeed controls minimize operator input to maximize productivity. The **Vermeer auto-reverse** and **SmartGrind systems** automatically control infeed speed based on engine RPM levels to optimize production and allow the operator to focus on the next load.

Feed large materials with less manipulation due to a wide infeed table opening and robust infeed sidewalls. Aggressive feed roller teeth coupled with down pressure provide pull-in power for hard-to-feed material while maintaining control.

Feedability is maximized with low side walls, providing optimal visibility of material in the infeed and minimizing the need for operator interaction with material.



SCAN TO LEARN MORE
ABOUT THE MAKING
OF THE **VERMEER
DUPLEX DRUM.**

“ We get a couple loads a day more and our operators are less fatigued. That's the key, feed trees into a different machine and it wears our operators out. Vermeer machines actually feed better, so our operators feel less fatigued after a 10-, 11-, 12-hour day. ”

– Randy Fondse,
G&F Agricultural Services,
Ripon, California

THE DRUM IS THE HEART OF THE HORIZONTAL GRINDER

The drum is the heart of any horizontal grinder. It has to perform, and it has to last. Vermeer horizontal grinders feature a patented hardfaced duplex drum designed for aggressive cutting performance. The industry-exclusive design features reversible hammers and tips, minimizing maintenance and maximizing wear life.

A focus on innovation drives Vermeer to continually evolve horizontal grinder technology. The next generation of horizontal grinders features the Series III duplex drum. It takes the strong design of the Series II and updates the hammer sleeve, collar and wedges for maximized retention and ease of service.

MAINTENANCE-FRIENDLY DESIGN

Minimize maintenance time with large easy-to-open shields, a drop-down platform and included ladders. Readily access the engine compartment for cleaning and maintenance. Daily maintenance points, such as grease zerks, fluid checks, fuel filters, oil filters and the radiator have been carefully engineered to minimize time and effort. Air intakes have been placed high on the machine to pull clean air.

Equipment is designed for optimal access to help streamline screen and cutter tip changes. The Series III duplex drum reversible hammers and cutter tips minimize maintenance time and ease replacement by eliminating the need to weld on hammers. Bolt-on weights ease the processes of rebalancing drums. Bolt-in, replaceable wear liners protect the mill box from the daily grind.

Vermeer strives to eliminate maintenance requirements where possible, like with our automatic belt tensioning on select horizontal grinder drive belts.



SCAN TO LEARN HOW TO EXTEND THE LIFE OF YOUR GRINDER SCREENS.

OPTIONS TO DO MORE

Enhance your recycling efforts with the ability to adapt to different end-product requirements. Vermeer offers horizontal grinder options that add versatility and allow you to explore potential jobsite efficiencies.

The optional Vermeer Damage Defense system helps protect the horizontal grinder from certain metal contaminants mixed with incoming materials. If the mill encounters certain metal while grinding, the Damage Defense system will alert the grinder control and automatically initiate the shutdown process. The system immediately reverses the feed system to minimize the likelihood of metal being pulled into the mill.

Choose from a variety of screens to help maximize productivity while sizing end product to specification. Change screens with ease to match the material being processed.

An optional chip drum allows diversification of the end product. It provides the flexibility to produce a uniform chipped product rather than traditional shredded material. This allows the grinder to be turned into a chipper, helping you find new markets for the finished product.

Remote-controlled track-driven grinders provide mobility on remote site locations. A dolly transport system option is available on select models and allows a track-driven grinder to be transported between sites without a separate trailer.

When operating on a stationary jobsite, Vermeer electric horizontal grinder models can help minimize maintenance needs and maximize efficiency. Electric machines produce minimal noise, heat and emissions than their diesel-powered counterparts. In addition, engine oil changes and filter replacements become a thing of the past.

TIPS FOR DIFFERENT GRINDING APPLICATIONS

Horizontal grinders endure some of the toughest jobsite conditions while turning waste into a useful byproduct. To maximize productivity, you need to select the proper grinder tips.

Grit options determine the useful life of the grinder tips. Vermeer offers three grit coverage options to match the life of the cutter tips to the application. The difference is the amount of carbide that is put on during the welding process. The more carbide content on a tip, the longer the wear life and the less time spent changing tips.

The three grit options can be paired with different grinder tip styles to match jobsite requirements. Vermeer offers **MORE** options to match cutting tips to the specific application while maximizing the time between change-outs. Choose from six tip styles: wide-block grinder tips, abrasion-resistant grinder tips, wing grinder tips, impact-resistant grinder tips, narrow-block grinder tips and sharp grinder tips. Your local Vermeer Recycling and Forestry specialists can help you select the best tip for your material and end markets.



FIND YOUR
LOCAL
VERMEER
DEALER.

EXPERT SUPPORT TO HELP YOU DO MORE IMPORTANT WORK

Our commitment to your success goes beyond the sale. Vermeer dealers have dedicated Recycling and Forestry specialists who can help grow your business — helping with everything from application insights to comprehensive parts, service and support. These specialists are experts in the recycling and waste industries, know the equipment, and can offer you the insight to overcome challenges. They can help you select the right equipment and then train your operators to get the most out of it.

The Service Technician Certification program is a mark of excellence that sets the Vermeer dealership network apart from the competition. You can be confident the technicians servicing your machine are experienced and ready to help you optimize your machine's performance.

In many locations, dealers can come to the field with mobile service trucks stocked with popular parts to help save you valuable time. When it comes to standing behind the equipment, the Vermeer dealer network goes the extra mile.

“We know all the people in the field and we’re able to help them network, and that really brings value to the customer. At the end of the day, it’s not just about selling machines, it’s bringing value. That’s what we really try to do and be a partner to their business.”

— Ryan Andry,
Recycling and Forestry specialist,
Vermeer Texas-Louisiana





GET MORE FROM THE LIFE OF YOUR EQUIPMENT

Help protect the productivity and value of your equipment with the Vermeer Confidence Plus[®] asset protection program. When you finance your maintenance expenses, you can plan for a fixed cost upfront — and find peace of mind.

With this program, Vermeer dealer-certified technicians conduct required service and maintenance on your Vermeer equipment at recommended intervals using only genuine Vermeer parts.

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