

UNLEASH INNOVATION

HOLE HAMMER[®]

PNEUMATIC PIERCING TOOLS

PNEUMATIC PIERCING TOOLS



DROP THE HAMMER

TOUGH ON GROUND, BUT EASY ON YOU. When it comes to getting the job done, you've got enough variables and challenges to work with. Our job is to make yours easier. That's where the Vermeer Hole Hammer[®] designed by McLaughlin comes in — an innovative new line of pneumatic piercing tools that will see you through the full range of soil conditions and applications you face. See how the Hole Hammer will help you own the whole job from start to finish.



HOLE HAMMER[®]

ON YOUR NEXT JOB.

The Hole Hammer is a compact solution for tight spaces. Yet it's a powerful, economical alternative that helps you achieve your short bore project needs up to 150 feet long. The Vermeer Hole Hammer continues to be one of the lowest total cost trenchless alternatives available.

Whether you are a high-production gas distribution contractor, fiber or cable contractor on high-profile stitch-boring projects or the local gas or water company, curb-to-house and road-crossing installations are made easy with the productive and accurate design of the Hole Hammer.



TAKE PRODUCTIVITY, EFFICIENCY AND ACCURACY TO THE EXTREME WITH VERMEER PNEUMATIC PIERCING TOOLS.



Electric — Hole Hammer has the punch you need to power through difficult ground conditions when installing electric upgrades and drops.



Cable/Telecom — Stitch boring with the Hole Hammer is a cost-effective method to install high-production cable and telecom projects in finished landscapes.



Gas — Hole Hammers are used as a highly portable and economical method for trenchless installation of gas lines around the world.



Water — Whether installing a new or upgraded line, the Hole Hammer is the tool of choice for quick and easy installations.



Irrigation — The Hole Hammer creates a compact hole under existing driveways and sidewalks and creates minimal disruption to landscaped yards.



HOLE HAMMER®

THE POWER INSIDE:

All components of the Vermeer Hole Hammer are made of high-grade alloy steel that is CNC-machined for precision fitment, providing maximum tool efficiency and product performance.

A AIR-ON QUARTER TURN REVERSE:

This all-steel reverse design allows the operator to simply and quickly rotate the air hose a quarter turn to reverse the tool. The operator gets instant positive audio and visual feedback that the tool has shifted into reverse without the need to shut the tool off underground.

B MOVING HEAD DESIGN:

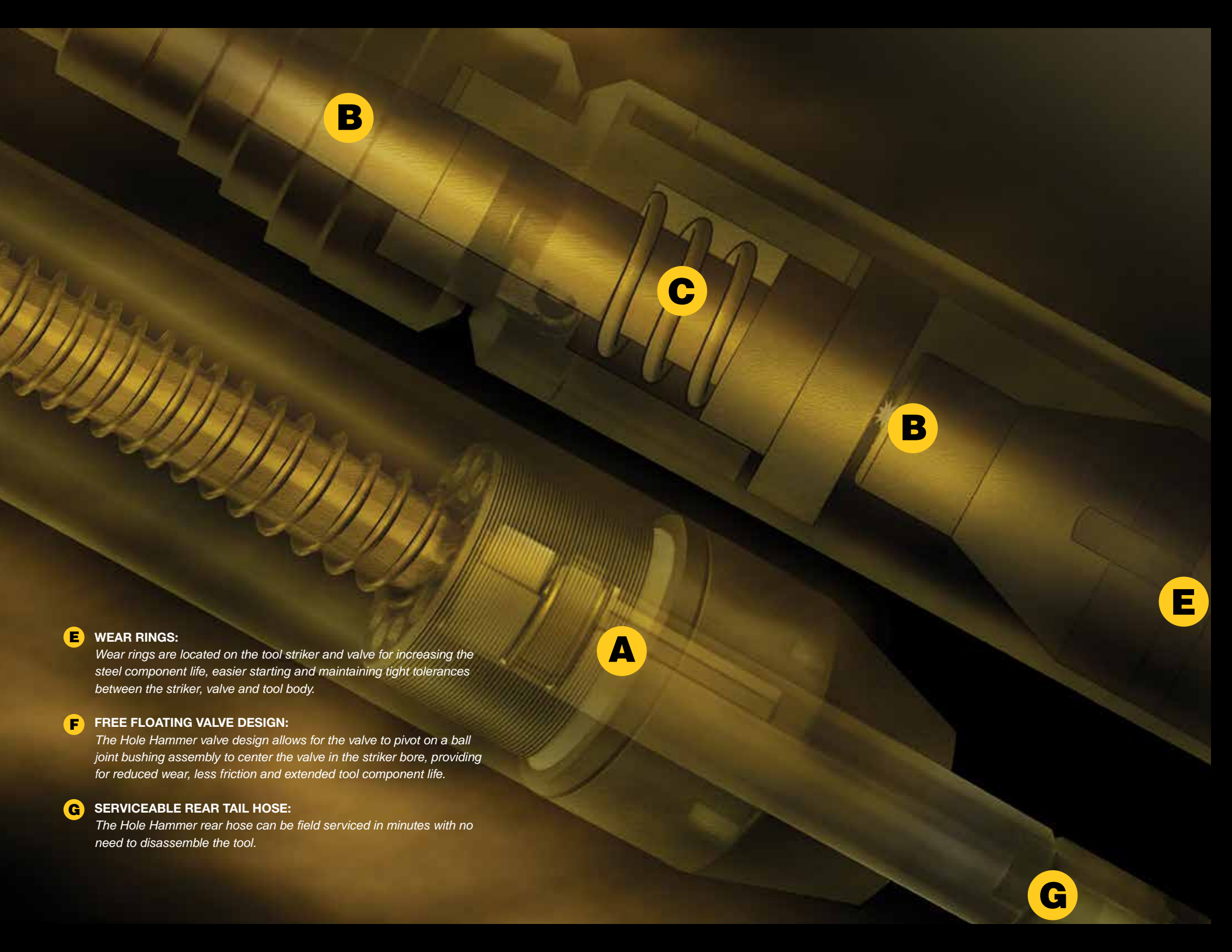
The Hole Hammer moving head design allows 100 percent of the striker energy to be delivered to the moving head, which is independent of the tool body, for increased production and accuracy in compact soil conditions.

C SPRING RESET MOVING HEAD DESIGN:

The Hole Hammer spring reset feature resets the head after each strike to ensure the power is delivered to the soil in front of the tool. Smoother and more accurate tool starts are achieved by having the spring hold the moving head tight to the tool body. Less tool swimming is achieved with the Hole Hammer spring reset by keeping the body and head as one after each strike.

D RIBBED TOOL BODY:

The ribbed exterior body increases production by adding additional friction between the tool body and the surrounding soil. On the inside, the body bore is honed and precision fit to the striker, providing easier starts, improved power and improved wear ring life.



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E WEAR RINGS:

Wear rings are located on the tool striker and valve for increasing the steel component life, easier starting and maintaining tight tolerances between the striker, valve and tool body.

F FREE FLOATING VALVE DESIGN:

The Hole Hammer valve design allows for the valve to pivot on a ball joint bushing assembly to center the valve in the striker bore, providing for reduced wear, less friction and extended tool component life.

G SERVICEABLE REAR TAIL HOSE:

The Hole Hammer rear hose can be field serviced in minutes with no need to disassemble the tool.

TWO WAYS TO HAMMER.

The Hole Hammer is available with a replaceable head or moving head assembly. Owners can invest in ONE Hole Hammer and use it in a variety of soil conditions and not have to purchase another complete tool assembly, saving contractors' fleet budgets.

ONE POWERFUL TOOL WITH TWO HEAD OPTIONS.



MOVING HEAD ASSEMBLY.

This is the tool of choice for projects with high productivity requirements in tough soil conditions. The spring reset design ensures the moving head is reset EVERY TIME and the full power of the striker is delivered to the ground in front of the Hole Hammer.



REPLACEABLE HEAD.

The replaceable head design is very effective in conditions where production rates average 1 foot per minute and offers the best of reliability, low cost and productivity. Hole Hammer replaceable heads are made of solid heat-treated alloy steel and can be simply replaced.

SPECIFICATIONS

MODEL	VHH180	VHH180RT	VHH200	VHH200RT	VHH250	VHH250RT
Diameter	1.8" (4.6 cm)	1.8" (4.6 cm)	2" (5.1 cm)	2" (5.1 cm)	2.5" (6.4 cm)	2.5" (6.4 cm)
Length	37" (94 cm)	38" (96.5 cm)	42" (106.7 cm)	42" (106.7 cm)	48" (121.9 cm)	49" (124.5 cm)
Weight	18 lb (8.2 kg)	19 lb (8.6 kg)	29 lb (13.2 kg)	29 lb (13.2 kg)	48 lb (21.8 kg)	49 lb (22.2 kg)
Air Consumption	18 cfm (509.7 L/min)	18 cfm (509.7 L/min)	18 cfm (510 L/min)	18 cfm (510 L/min)	31 cfm (878 L/min)	31 cfm (878 L/min)
Air Pressure	110 psi (7.6 bar)	110 psi (7.6 bar)	110 psi (7.6 bar)	110 psi (7.6 bar)	110 psi (7.6 bar)	110 psi (7.6 bar)
Reverse	Air-On Quarter Turn	Air-On Quarter Turn	Air-on Quarter Turn	Air-on Quarter Turn	Air-on Quarter Turn	Air-on Quarter Turn
Head Design	Replaceable	Moving	Replaceable	Moving	Replaceable	Moving
Blows/Min	480	580	480	480	460	460

MODEL	VHH300	VHH300RT	VHH330	VHH330RT
Diameter	3" (7.6 cm)	3" (7.6 cm)	3.3" (8.4 cm)	3.3" (8.4 cm)
Length	53" (134.6 cm)	54" (137.2 cm)	52" (132.1 cm)	53" (134.6 cm)
Weight	71 lb (32.2 kg)	72 lb (32.7 kg)	91 lb (41.3 kg)	92 lb 41.7 kg)
Air Consumption	32 cfm (906.1 L/min)	32 cfm (906.1 L/min)	32 cfm (906 L/min)	32 cfm (906 L/min)
Air Pressure	110 psi (7.6 bar)	110 psi (7.6 bar)	110 psi (7.6 bar)	110 psi (7.6 bar)
Reverse	Air-On Quarter Turn	Air-On Quarter Turn	Air-On Quarter Turn	Air-On Quarter Turn
Head Design	Replaceable	Moving	Replaceable	Moving
Blows/Min	400	400	400	400

WITHIN REACH WHEN YOU NEED US. VERMEER SERVICE AND SUPPORT.

When you have questions or run up against the unexpected, you can count on us. We're here to back you up with unmatched support and service from the Vermeer global dealer network.



THE VERMEER DEALER NETWORK: RELIABLE SUPPORT, ALL OVER THE WORLD.



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