

Super Torch Cuts Through Rock, Cement

You can cut through rock, concrete or hardened steel with the new "Magmafusion" cutting torch that actually vaporizes anything it touches using only oxygen and special fuel tubes.

"It runs at twice the temperature of an oxy-acetylene torch," says inventor and manufacturer Eric Wolfe, noting that the amazing new torch has been shown in several recent Hollywood movies like Mission Impossible.

All that is needed to bore through virtually any material is the handheld Magmafusion torch, an oxygen tank, a supply of Magmafusion tubes, and an electric spark. The 10,000-degree particle stream that is emitted from the end of the tubes literally vaporizes anything you want to cut.

Magmafusion tubes contain a solid fuel source, which will continue to burn as long as oxygen flows through it. The more oxygen, the faster the tube burns and the more powerful the particle stream.

"This torch will burn through 4 inches of steel in 4 seconds," says Marcia Wolfe. "Our customers range from fire and rescue to underwater salvage, mining, farming and demolition. Lots of contractors use it. It's handy for rebar and beam work."

Unlike air-carbon arc welders and oxy-acetylene, the Magmatorch produces no carbon contamination or temper loss and cuts through multiple layers of a laminated surface. No surface preparation to remove rust, scale, paint or slag is needed. It simply burns through them all.

"It is faster, more powerful and more versatile than anything on the market," says Eric Wolfe. "It has even been used to punch holes in permafrost so a backhoe can dig out for a grave."

One thing that makes the tool especially versatile is that the tubes are bendable. If a hole needs to be drilled in a hard-to-reach spot or a cut needs to be made behind an obstruction, the Magmafusion tube is bent to achieve the proper angle.

The Magmafusion torch can even be used to fracture large rocks. Once a bore has been



New "Magmafusion" cutting torch vaporizes anything it touches using only oxygen and special fuel tubes. It runs at twice the temperature of an oxyacetylene torch.

made into the rock with the torch, water is poured in and the thermal shock breaks it into fragments.

The only thing the super torch won't do is heat metal so it can be bent. That also means that it does not warp materials as it bores, slices and gouges. A rod extender allows the torch to be used with maximum operator safety if working around unstable equipment.

Even faster cutting is now available with the MAGarc 38, 3/8-in. by 18-in. rods designed to be used with a 225 amp welder. The combined technologies slice through a linear foot of 1 1/2-in. steel plate in 40 seconds and use only an inch of rod. The MAGarc 12 (1/2-in. by 18-in. rod) makes the same cut in 20 seconds and consumes only 1/2 in. of rod.

"The MAGarc rods give you a poor man's plasma torch using your existing cutter," says Wolfe. "They are designed for long term use, primarily for scrap disassembly and salvage."

The MAG 4000 ships with 50 Magmafusion tubes for \$685 while the MAG 6000 with 150 Magmafusion tubes sells for \$1,220 (prices include delivery).

Contact FARM SHOW Followup, Eric Wolfe, Magnum Mfg., Inc., Website: magnumusa.com).

Under Seat Storage Box For Extended Cab Pickups

If you own a 1999 or newer Chevrolet Silverado extended cab pickup, you'll be interested in this new poly storage box that fits under the back seat.

"It keeps everything nice and neat and holds a lot more than you would think," says inventor Dan Ouren.

The patent pending "Du-ha" (down under holding apparatus) comes with two dividers. A gun rack is optional.

The box has numerous small spikes on the bottom side that bite into the carpet, holding the box in place.

"As far as I know there's nothing else on the market like it," says Ouren. "I also plan to offer a model for 2000 and newer Ford F-150 extended cab pickups in the near future."

Comes in three matching colors. Sells for \$149.95 plus S&H. The optional gun rack sells for \$29.95 plus S&H.

Contact: FARM SHOW Followup, Dan Ouren, D & D Products, 16553 County Hwy. 29, Dalton, Minn. 56324 (ph 866 306-3842).

Poly storage box (above) comes with two dividers. A gun rack is optional. Unit fits under back seat on 1999 or newer Chevrolet Silverado extended cab pickups.



Clamp-On Safety Device For Extension Ladders

"It works on flat surfaces, poles, or even building corners," says Richard Farmer about a new V-shaped safety device that clamps to the top rung of extension ladders.

It's equipped with spike bars that grip trees and poles. A pair of hinged, round pads, at either end keep the ladder from sliding on flat surfaces. A built-in ratcheting nylon strap or chain hold-down fastens the ladder even more securely to trees and poles.

The V-shaped jaw forms a 90-degree angle so it fits directly onto the corner of any building. The unit folds down parallel to the ladder's frame rails for transport or storage.

Farmer says the new "LS Ascenter" is being tested marketed at Home Depot for \$179. He's looking for a manufacturer.

Contact: FARM SHOW Followup, Richard M. Farmer, Marketing and New Product Development, 6080 Glenridge Dr., Atlanta, Ga. 30328 (ph 404 705-8246 or 404 226-8843; E-mail: rmfarmer@bellsouth.net).



V-shaped safety device clamps to top rung of extension ladders. Spike bars grip trees and poles. A pair of hinged, round pads at either end keep ladder from sliding on flat surfaces.



Because roller is designed for easy attachment or detachment, grader operator can smooth new gravel or build a roadbed and then put on roller and compact his work.

Grader-Mounted Roller Compacts Loose Gravel

Carolyn and Wayne Mehew, Del Bonita, Alberta, are avid Harley Davidson riders, so they dreaded whenever the road grader headed down their gravel country road, because of the loose gravel that would be left behind.

Carolyn says Wayne started saying the road maintenance people needed to use a roller on the gravel. She suggested maybe they could just hang a roller on the grader. Wayne went to his shop and began work on the idea.

At the same time, they applied for a patent on the idea. Once that was granted, they formed a company and applied for a research and development grant from the Canadian government to help fine-tune their prototype.

Carolyn says their neighbors liked the idea as much as they did, figuring rolling the gravel roads would eliminate a lot of dust and maybe even some of the gravel damage to paint and windshields. They got their county road maintenance officials to test the roller on one grader.

They figured they needed a rain-softened

road to use the roller, but the weather refused to cooperate and in the end, they wet down the road in front of the Mehews' home and tested the roller there.

Wayne says it takes about an hour to mount the roller and about half that time to remove it. Because the roller is designed for easy attachment or detachment, the Mehews say the grader operator can smooth new gravel or build a new roadbed and then put on the roller and compact his work. They're working on a transport cart that will allow it to be towed from worksite to worksite behind the grader.

Because the Mehews aren't in the manufacturing business, their WC Roller patent is for sale. Contact them by phone, mail or through their Website for details.

Contact: FARM SHOW Followup, Wayne and Carolyn Mehew, General Delivery, Del Bonita, Alberta, Canada T0K 0S0 (ph/fax 403 758-3567; E-mail: wcmehew@telusplanet.net; Website: www.wcroller.com).

Safety Glasses With Built-In Ear Plugs

When you put on these new safety glasses you can also plug up your ears, thanks to the built-in plugs that pivot out of the bows.

When you don't need earplugs, they pivot out of the way for storage. Tips are adjustable, removable, washable and replaceable.

Glasses sell for \$9.95.

Contact: FARM SHOW Followup, Jake Wadsworth, Wadsworth Mfg., Inc., 889 Dublin Gulch Rd., St. Ignatius, Mont. 59865 (800 535-2428 or 406 745-4348).



Built-in ear plugs pivot out of the way for storage when not needed.