

Company Relines Brakes And Clutches

All Frictions Company has been relining industrial brakes and clutches for about 30 years. Relining from very large brake bands for cranes to very small brake shoes for motorcycles and everything in between.

All Frictions also sells friction materials and supplies, and offers custom fabrication, bonding, riveting and repair.

Contact: FARM SHOW Followup, All Frictions Co., LLC, 131 Freestone Ave., Portland, Conn. 06480 (ph 860 342-2001; info@allfrictions.com; www.allfrictions.com).

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Photo shows examples of the type of relining jobs done by All Frictions Co.

“Smart” Tankless Water Heaters

Early model tankless water heaters failed to impress most U.S. consumers. But the latest new “smart” tankless water heaters appear to be changing all that.

“The older ones were more like a barbecue grill where the water ran on top of it,” says Gene Sola, owner of EZ Tankless, based in Earl Park, Ind. “Newer models are more like a fuel-injected car. Units are computerized so they are smarter.”

There’s no pilot light, they self ignite, and the flame adjusts according to water volume. Models in the \$400 range can supply enough hot water for two showers running all day long.

In addition to the natural or LP gas supply, they only require 4 amps at 120V AC to run the exhaust fan and computer. Installation is easy, too, with a dual-chamber 4-in. forced air intake and exhaust pipe.

EZ Tankless also has battery-ignited outdoor models starting at \$165 for camping, hunting cabins, or other remote areas without electricity.

To ensure the tank’s life of 20 years or more, Sola recommends filtering the water going into it. His website includes detailed information and videos of how to filter water, as well as how to install and maintain the tankless system.



Jim Snell says his computerized EZ Tankless water heater offers many advantages over earlier tankless models.

Contact: FARM SHOW Followup, EZ Tankless, P.O. Box 111, Earl Park, Ind. 47942 (ph 219 369-4781; www.eztankless.com).

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Crank-Type Chainsaw Sharpener

Just turn the hand crank on the Timberline Sharpener, and the carbide cutter does the rest. The machined body clamps onto any bar by tightening two hand knobs, which lock it into position. Once in place, the chain can be pulled freely through to quickly sharpen each tooth. The tool acts as a jig to ensure every tooth is sharpened to the same height, length, and angle.

As a chain gets shorter from sharpening, the tool has an adjustable stop to push the chain into the carbide cutter. This makes it easy to be very precise and only shave a few .001”s off of each tooth. New this year is a split pawl design that allows each side to be flipped up independently so that chains can be sharpened even shorter. The main body has two guide holes to match left and right teeth. It’s recommended to sharpen one side of the chain completely before starting the other side as the rear adjustable stop may be to be tightened or loosened in order to shave off the same amount.

FARM SHOW ordered a Timberline Sharpener and put it to the test with a well-worn chain. Before it was sharpened, the chain on my older Stihl 029 was so dull it took 30 sec. to crawl through a 10-in green ash log.

Setup was fast and easy. Once the billet aluminum body was in place and balanced level on the bar, sharpening went quickly. Fine filings made it clear the carbide cutter was doing its job. After sharpening, cutting that same log took just 10 sec.

The universal body accepts 5 sizes of available carbide cutters which all have a ¼” diameter shank. A single set screw on the crank handle makes changing cutters easy.

The Timberline Sharpener comes with your choice of carbide cutter for \$124.95. Additional carbides are available for \$20 in sizes 1/8”, 5/32”, 3/16”, 13/64”, and 7/32”. If you don’t know your chainsaw size their website gives some guidance or give them



Timberline’s crank-type chainsaw sharpener comes with a carbide cutter that rides the bar. The operator pulls the chain through to sharpen each tooth.

a call for help. The tool is set to sharpen at 30° which is the most universal angle, but accessory angle guides (\$13) allow 25° and 35° sharpening for different hardness of wood.

To see how the sharpener works, visit www.farmshow.com

Contact: FARM SHOW Followup, Timberline Sharpener, 2300 N. Yellowstone, Idaho Falls, ID 83401 (ph 208 405-2020; www.TimberlineSharpener.com).

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