

Exhaust System Keeps Shop Air Clean

The shop exhaust system sold by Central Pointe, Inc., normally goes to implement repair shops, truck shops and other commercial operations. That's changing, according to Mike Passkewitz, Central Pointe.

"We are selling more systems to farmers across the nation," he says. "Farm shops are getting nicer, and farmers want to keep their walls clean and the air healthier."

The system is designed to be easy to install. The hose reel and blower unit simply bolt to the wall or ceiling and vent to the outside. The standard blower is powered by a single phase, 2 hp motor and can be wired either 110 or 220V.

"It comes as a kit with hose reel, mounting bracket, bolts, discharge pipe, hood and damper," says Passkewitz. "Everything is there for just under \$4,000."

While some systems use a general ventilation fan to exhaust foul air off their ceiling along with their warm air, the Central Pointe system uses a 2 hp pressure blower with high temperature hose to hook right to

the stack. Passkewitz explains that a pressure blower is needed to produce sufficient vacuum for suction across the 40-ft. length of hose included in the kit.

A direct mount hose reel keeps the hose out of the way until it's needed. Less expensive hose drops are also available. Other attachments include a variety of stack canes to fit over tractor and combine exhausts, as well as a 20-ft. extension hose.

"We've recently added a welding cabinet for farmers who want to exhaust welding smoke," says Passkewitz. "It's a 2-ft. square, 10-in. deep cabinet with a side draft grid to pull in the smoke. It will go anywhere the hose can reach."

The welding cabinet is priced at \$365. Other attachments run from \$240 to just under \$400.

Contact: FARM SHOW Followup, Central Pointe, Inc., 1317 E. Bridge St., Redwood Falls, Minn. 56283 (ph 507 644-4040; toll free 866 574-4040; www.whirlwindex.com).

System is sold as a kit with hose reel, mounting bracket, bolts, discharge pipe, hood and damper.



Hose reel and blower unit bolt to the wall or ceiling and vent to the outside.

Crank-Type Chainsaw Sharpener

By Jim Ruen, Contributing Editor

Just turn the crank on the Timberline Chainsaw Sharpener, and the carbide cutter does the rest. Once in place, the body rides the bar as the operator pulls the chain through to quickly sharpen each tooth. Every tooth is sharpened to the same height, length and angle.

"As a tooth slides into place, an adjustable stop or pawl slides over and behind it to hold it in position," says Phil Krantz, Timberline Chainsaw Sharpener. "Just slip the cutter through the guide hole, and it will be held perpendicular to the bar. As you turn the crank on the carbide cutter, it produces a razor sharp edge on the tooth."

The body of the Timberline Sharpener has two guide holes to match left and right teeth. Krantz suggests doing only one angle at a time, as that doesn't require completely withdrawing the carbide cutter for each tooth. Once one side is done, shift to the second side and complete the chain.

FARM SHOW ordered a Timberline Chainsaw 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 aluminum cast body was in place and balanced on the bar, sharpening went quickly. Fine filings made it clear the carbide cutter was doing its job.

After sharpening, cutting through that 10-in. ash log took just 10 sec.

Although the guide holes are lined up to match the angles of the teeth in each pair, that was not always the case. At times one was perfectly in line and the other wasn't, while the next pair would be fine.

In talking to Krantz, he pointed out that if the chain had previously been sharpened, it might not have been sharpened evenly. Thus, one tooth might not line up as well if it was over-sharpened compared to its partner.

"When teeth don't line up as they should, I recommend users simply sharpen the one that does line up," says Krantz. "After a few uses, the teeth will again match up."

Thanks to the guides on the Timberline Sharpener body, unequal sharpening on a chain being resharpened for the first time should not be possible.

The universal body accepts multiple size carbide cutters to match different chainsaw chains. A set screw on the crank makes



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.

changing cutters easy.

The Timberline Chainsaw Sharpener comes with your choice of carbide cutter for \$124.95. Additional carbide cutters are available for \$20 each. Angles are set at a standard 30 degrees; however, more experienced users may prefer guides of 25 or 35 degrees. They are available for \$10.

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

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

Simple Rack Keeps Hammers Handy

Larry Fulton's hammer rack makes it easy to find the right hammer. Wheels on the rack allow him to move it to where the work is, so he doesn't have to go back for a different hammer in the middle of a job.

"A friend of mine built one, and I liked it so well that I made one myself," says Fulton. "I made mine with bigger wheels so it rolls easily."

The simple rack consists of two 82-in. tall uprights salvaged from old office equipment. Six sets of cross members are welded to the uprights. Each one alternates between being attached to the front or the rear of the rack. This creates a slight angle as the hammers hang from the first and rest against the second cross member.

A single cross member hangs about 30 in. from the base for hanging longer handled hammers and a pipe bender. The 25 by 26-in. steel base keeps the rack stable and provides more storage. Fulton butt welded pipe stubs to the base to hold bars and other odd tools. Four 5-in. wheels attach at the base.



Larry Fulton's hammer rack rides on wheels, allowing him to move it to wherever the work is.

Contact: FARM SHOW Followup, Larry Fulton, 4504 E. 17th St., Cheyenne, Wyo. 82001 (ph 307 634-7042; lhfulton@msn.com).

Expert Relines Brakes And Clutches

If you have old brakes and clutches that need relining, Tim Doran of All Frictions Co. can help. His company has lined all sizes of friction clutches and brake drums up to 56-in. dia. — big enough to stand in. He also does custom fabrication and prototyping. Currently he's working on tiny centrifugal clutch kits that come on kit race cars.

"Usually the smaller it is, the harder it is to work on," says Doran. "The availability of materials flexible enough to work with is limited, and the jobs take more time and effort."

The list of machines the company has worked on includes construction equipment, ski lifts, elevators, logging equipment, small tractors and antique cars. All Frictions does bonding rather than rivets as most others do. The company also sells friction materials to customers who prefer to line their own clutches and brakes.



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

"We work on anything with a friction material on it," says Doran. "If you don't have the brake or clutch, but you do have a blueprint, we can fabricate what you need. If you need it relined, we can reline it. If it's broken, we can repair it."

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