

Montgomery's bristle auger can be retrofitted to most metal augers.

## REPLACES STEEL FLIGHTING

# New Bristle Auger Catching On Fast

That new bristle auger you've been hearing about is catching on fast, thanks to its ability to virtually eliminate damage to seeds and crops.

Replacement bristle augers are now available to replace the steel flighting and shaft in most sizes of conventional augers, says Max Montgomery, Kenton, Ohio, who invented the bristle auger and used one for three years on his own farm before going public.

The bristles on Montgomery's auger are stiff nylon that brush against the sides of the auger tube. A special silicon-rubber coating coats the first couple feet of the auger to get seed started, and decrease bounce as seeds exit the auger.

"Auger capacity is probably reduced about 25% because of seed pushing past the bristles. We hope to improve that soon with a new prod-

uct that should stiffen up the bristles, yet keep them soft enough so the seed cannot crack," Montgomery told FARM SHOW.

Any size auger can be converted. As for wear, Montgomery says it varies: "One farmer augered 10,000 bu. last winter with no visible wear, while another moved 20,000 bu. and reported his had considerable wear. Keep in mind, however, that 20,000 bu. of seed is a lot of seed for most farmers." He cautions against using the bristle auger on fertilizers and other heavy materials.

Bristle flighting for a 6-in. by 12-ft. auger sells for about \$300.

For more information, contact: FARM SHOW Followup, Montgomery Bristle Auger, Inc., Box 9879, Kenton, Ohio 43326 (ph 419 675-1620).

## WORKS LIKE YOUR FARM SHOP WELDER

# New Welder Welds Plastic Pipe, Tanks

"It adds a new do-it-yourself dimension to farm shops," says Dan Larson, advertising manager of the Brian R. White Co., Ukiah, Calif., manufacturer of a new all-purpose welder for welding all types of pipes, tanks, boards and other items made of plastic.

"With this welder, a farmer can weld plastic pipe into livestock fencing and sorting gates, the same as he's been doing with his regular welder and iron pipe. He can also use the new-style welder to repair broken or cracked plastic pipes and tanks, and to reshape pieces made of plastic.

The plastic welder, built by the Leister Co. in Switzerland, is an electrically operated hand tool with a heating element. Available for 100V or 220V electricity, the welding tool

produces 1,100°F temperatures to melt plastic welding rods into the crack or bead. Pressure is applied to force the melted plastic into the area to assure a good "weld".

"The process is relatively simple. You can learn it with about 4 hours of practice," Larson told FARM SHOW. Different tips and welding rods are available for welding most types of plastic.

The kit, complete with welding tool, several tips and welding rods, costs about \$500. The company is looking for dealers and distributors.

For more information, contact: FARM SHOW Followup, Brian R. White Company, Inc., 313 Henry Station Road, Ukiah, Calif. 95482 (ph 707 462-9795).

## LIGHTWEIGHT, PLUG-PROOF AND HANDLES UP TO 50% SOLIDS

# Many Uses For "Do Everything" Pump

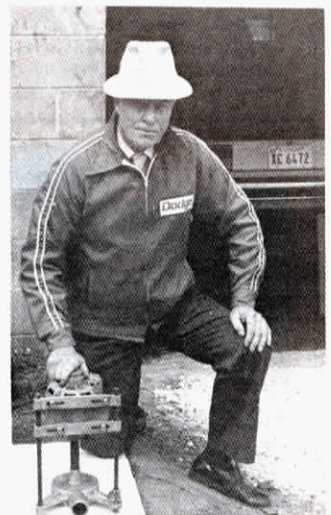
"After forty years, we're finally going public," says Eddie Schuler of Morrison, Ill., about the Master Farmer sump pump he manufactures locally as a side item at his Chrysler auto dealership. "Some of the first pumps, made back in the early 1940's, still work perfectly."

The inventive Schuler has been featured twice before in FARM SHOW, once for taking the lead in installing diesel engines in gas-powered farm pickups and cars, and the second time for running the converted diesel vehicles on used crankcase oil.

The all-cast aluminum pump is light enough to carry from job to job, performing just about any pumping task. According to Schuler, the pump's open impeller design prevents clogging, even in up to 50% solids. They've been used for everything from pumping out farm ponds and manure pits, to cleaning mud, sand and water out of basements.

"One grain elevator cleaned shelled corn out of their pits by flooding the pits with water and moving both corn and water out together with our pump. An insurance company used it to move water out of a basement that was full of 2-in. asbestos strips that had plugged ordinary pumps in minutes," relates Schuler.

The \$80 pump mounts on an adjustable metal bracket along with an electric drive motor. Assembled motor and pump stand just 14 in. high. The entire unit can be floated in a tire or on a wooden platform with the pump submerged. A 1/6 to 1/2 hp. motor — with either left or right-hand

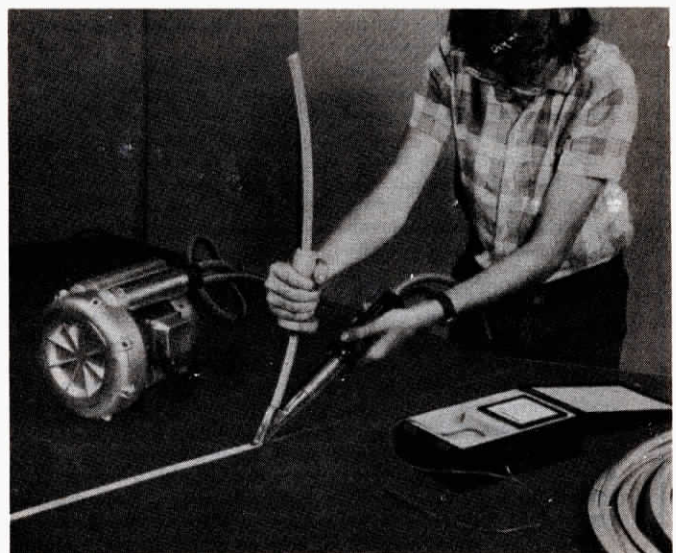


Eddie Schuler says his pump will move "just about any kind of liquid material."

drive — is needed to power the unit. For an extra \$42.50, Schuler will provide one.

Schuler says the pump will move 25,000 to 30,000 gal. of water per 24 hr. period, or 17 to 20 gal. a minute. It'll develop enough pressure to move liquids from one place to the other, too. "One pump has been pumping through 1/2 mile of hose for more than 40 years," he says.

For more information, contact: FARM SHOW Followup, Eddie Schuler, Inc., P.O. Box 109, Morrison, Ill. 61270 (ph 815 772-2196).



Complete plastic welding kit sells for about \$500.