



Scalder stands 82 in. high and is powered by 8 rpm gear motor on top.



A wheel inside is fitted with rubber fingers that "pluck" chickens.

"No Mess" Chicken Scalder, Plucker

"It's built simple, which keeps the price down and makes it easy to work on. Unlike other chicken pluckers, all drive components are up out of the water and mess," says Kenneth King of JAKO, Inc., Hutchinson, Kan., about the company's new chicken plucker and scalding tank.

Both units are electric-operated and are sized to process four birds at a time. The scalding tank stands 82 in. high and is equipped with an 8 rpm gear motor on top. The motor is connected to a hinged steel arm fitted with leg shackles that dunk the birds in and out of a large plastic tank filled with hot water.

Scalded birds are then dropped into the chicken plucker's plastic drum. An electric-powered right angle gearbox on top of the plucker turns a steel shaft which drives a spinning wheel at the bottom of the drum. The wheel is fitted with about 60 3-in. rubber fingers. Rubber fingers also mount on the sides of the drum.

The units sell for \$1,700 apiece fob Hutchinson, Kan., and come with a 1-year warranty.

Contact: FARM SHOW Followup, JAKO, Inc., Kenneth King, 6003 E. Eales Rd., Hutchinson, Kan. 67501 (ph 316 663-1470).

"Quick And Easy" Fence Repair Tool

Inventor Pol Haldemann claims his new fence repair tool is the quickest, slickest barbed wire fence mender on the market.

The "Tensionizer" consists of two 20-in. long steel arms that spread apart at a fulcrum on one end. One arm is fitted with a 3/8-in. dia. pin on the end.

To use, you run the splice around the pin, which acts as a ratchet, then through the tool's wire holder, squeezing the handles to ratchet the wire around the break and pull it tight. You then hold the wire loop with a disc welded in the V between the handles to keep wire from twisting while you wrap it around the splice.

The whole operation takes only a minute or two, says Haldemann.

Sells for \$37.50 plus \$5 S&H. Allow three to 10 weeks for delivery.

Contact: FARM SHOW Followup, Bear Paw Tool Inc., P.O. Box 368, Chinook, Mont. 59523 (ph 406 357-3788).



Tool lets you repair fence in one or two minutes, says the inventor.



Standard protector is 8 ft. wide by 20 ft. long and made out of heavy reinforced nylon.

Shop Floor Protector Keeps Liquids Contained

"It's a simple idea that keeps your shop or garage looking like new," says Mel Krauss about his "Surface Saver" - a heavy nylon-reinforced garage and shop floor protector.

The standard size unit is 8 ft. wide by 20 ft. long. It has raised edges that contain liquid spills as well as snow and ice as it drips off vehicles in winter. Lengths of 3/4-in. dia. rope are sewn into the edges so wheels roll easily onto the protector with only a slight

bump. Liquids can be wet vacuumed off the Surface Saver or you can simply drag the tarp outside and wash it off with a hose.

Weighs 34 lbs. and folds up for transport. Sells for right at \$280 (U.S.). Contact: FARM SHOW Followup, Mel Krauss, Krauss Surface Saver, Box 148, Rouleau, Sask. Canada S0G 4H0 Canada (ph 306 776-2229; fax 306 776-2467).



Backhoe features a 12-ft. reach, compared with 8 to 10-ft. reach available on most commercial models.

"Built-From-Scratch" Tractor-Mounted Backhoe

G.C. Glover and machinist friend, Don Carlton, needed a long-reach backhoe to clean out drainage ditches but couldn't justify the expense of a commercial model.

So the Lenoir, N.C., inventors built their own 3-pt. mounted model which cost thousands less than a commercial unit and features a 12-ft. reach instead of the 8 to 10-ft. reach available on most factory-built units.

The backhoe mounts on back of Glover's Case-IH 485 or Carlton's White 45 hp tractor.

The boom was built out of 4 by 6-in. tubing braced with 1/2-in. thick plate. The 14-in. wide by 14-in. deep by 20-in. high bucket is built from 3/16-in. plate reinforced with 1/2-in. thick plate. Combined reach of the boom and bucket, which is fitted with four box blade teeth and a grader blade for the cutting edge, is 12 ft. It operates with two hydraulic

cylinders - the main one, 3 in. in dia. with 24-in. stroke, and the one on the bucket, 3-in. dia. with 20-in. stroke.

It's equipped with a pair of outriggers with 8-ft. reach. They're controlled by 3-in. dia. hydraulic cylinders with 20-in. stroke.

It operates off six stacked valves powered by the hydraulic systems on the men's tractors. It takes only minutes to hook up simply by plugging in two hoses.

"So far, I've used it primarily to straighten creek banks and clean out drainage ditches," says Glover. "It works great. I couldn't ask for anything better."

Cost of hydraulic cylinders, valves, and hoses was \$1,474.

Contact: FARM SHOW Followup, G.C. Glover, 1116 Glover Acres, Lenoir, N.C. 28645 (ph 828 728-3715).

Some of the best new ideas we hear about are "made it myself" inventions born in farmers' workshops. If you've got a new idea or favorite gadget you're proud of, we'd like to hear about it. Send along a photo or two, and a description of what it is and how it works. Is it being manufactured commercially? If so where can interested farmers buy it? Are you looking for manufacturers, dealers or distributors? Send to FARM SHOW, P.O. Box 1029, Lakeville, Minn. 55044 or call toll-free 800 834-9665.

Mark Newhall, Editor

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