

Heavy-built trencher digs down to a depth of 45 in. The digging chain will pull out rocks up to 10 in. in size.

"NOTHING LIKE IT ON THE MARKET"

Tractor-Mounted Pto-Driven Trencher

"To our knowledge, there's no chain trencher on the market designed to fit on farm tractors," says Roger Giasson, who operates a welding and repair shop in Saskatoon, Sask., and has started building and selling a heavy-duty tractor-mounted pto-driven chain trencher.

Designed to mount on any Cat I or II 3-pt. hitch, the heavy-built trencher digs down to a depth of 45 in. The heavy digging chain will pull out rocks up to 10 in. in size but is shear bolt protected in case it hits anything larger. Giasson built it for his own use and then started doing custom work with it.

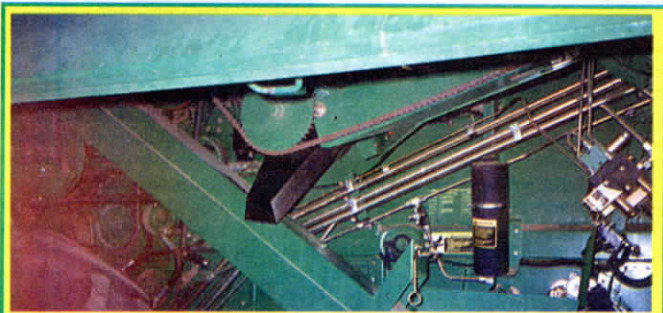
"Customers were so pleased with the aggressive digging ability of the machine that we decided to build them for sale. They'd be ideal for any farmer who wanted to do custom work on the side, or for small towns, contractors, and anyone else who already has a tractor and needs a high-capacity digger," says Giasson.

He drives the unit with a 9-in. Ford automotive rear end that was narrowed up on both sides. A #80 sprocket mounts on one end. A drive chain runs from the sprocket to a 9-tooth sprocket down below - made from wear resistant plate - that drives the digging chain. A 16-in. dia. auger on this main drive shaft carries dirt away from the sides of the trench as it's dug.

The digger is pivoted up and down by a 4-in. dia. hydraulic cylinder controlled from the tractor seat. Bolt tighteners are used to tighten the chain as it wears.

"It's built as heavy as even the most expensive trenchers on the market," says Giasson, noting that production machines are fitted with heavy duty gearboxes. Sells for \$8,995 (Canadian).

Contact: FARM SHOW Followup, Roger Giasson, Eastside Welding & Repair, Group Site 608, Box 6, Rt. 6, Saskatoon, Sask. S7K 3J9 Canada (ph 306 374-7527).



Chute makes it easy to clean out the last bit of grain from bottom of grain tank.

Clean-Out Chute For Deere Combines

New add-on chute for Deere 9000 series combines makes it easy to clean out the last bit of grain from the bottom of the grain tank.

The Edmunds Easy Clean chute bolts on in place of a pair of steel plates at the bottom of the tank. The enclosed plastic chute has a sliding door over the end of the spout. The chute also keeps any water in the tank from draining out onto the return elevator, a problem that sometimes causes corrosion.

"It works especially well for seed growers who have to completely clean out the grain tank every time they harvest a different variety," says Don Edmunds.

Sells for \$69.95 (Canadian).



Chute bolts on in place of two steel plates at bottom of tank.

Contact: FARM SHOW Followup, Don Edmunds, Rt. 1, Tisdale, Sask., Canada S0E 1T0 (ph 306 873-5496).



Giasson's 3-pt. mounted digger mounts on any Cat. I or II tractor with hydraulics, or a hydraulic power pack can be added.

FITS ANY FARM TRACTOR; DIGS DOWN 96 IN.

Tractor-Mounted Backhoe

When Roger Giasson moved out to the country six years ago, the land on the farm where he runs his welding and repair business was very hard and rocky. In order to put in gas, power and water lines, he needed a heavy-built backhoe that could stand up to lots of abuse.

The 3-pt. mounted digger he built worked so well he's decided to build units for sale. It mounts on any Cat I or II tractor with hydraulics, or a hydraulic power pack can be added. A flow rate of 6 U.S. gpm is needed to operate the hydraulics of the backhoe. Giasson says the backhoe has a digging force of 2,980 lbs. and digs as deep as 8 ft. He offers two sizes of buckets -

one for trenching and one for general purpose. The main boom oscillates 170°.

"We've used the original one we built for 4 years with almost no problems. It's very handy because you can mount it on almost any tractor and it's simply made with all moving parts, hydraulic hoses and cylinders exposed for easy repair and maintenance. It's priced very reasonably at \$5,195 (Canadian)," says Giasson.

For more information, contact: FARM SHOW Followup, Roger Giasson, Eastside Welding & Repair, Group Site 608, Box 6, Rt. 6, Saskatoon, Sask. S7K 3J9 Canada (ph 306 374-7527).

AUTOMATICALLY MOVES BALES ALONG TRACK TO PRE-PROGRAMMED STATIONS

"Robot" Bale Feeder For Tie-Stall Barns

Feeding round bales to cows inside tie stall barns is a problem for many dairymen. A new computerized bale feeder automatically moves bales through the barn, stopping by each cow at pre-programmed intervals with no need for any human help.

The Rovibec feeder is powered by a 24-volt 3/4 hp electric motor. The bale is carried along a track made out of a 3 1/2-in. dia. steel pipe. Strips of magnetic tape are placed on the track to "tell" the feeder where to stop. You use a keyboard to tell the feeder when to start up and how long you want it to stop at each location.

To load a bale, you insert a steel rod through the center of it and attach light-weight cross arms to the top and bottom. A winch on the feeder lifts the bale up.

"It can be used with either hay or silage bales," says Edgar Ladouceur. "It can be programmed to make up to 10 trips through the barn per day and to stop for up to 10 minutes per animal. To save time, most farmers set it up so the bale stops between two cows. As the cows eat off the elevated bale it spins freely.

"No welding is required to install the track. The system can be adapted to existing steel I-beam tracks. There's no risk of shock to the animals because of the low voltage required to operate the system. The 24-volt battery used to power the unit can



To load a bale, you insert a steel rod through its center and attach cross arms to top and bottom. A winch lifts bale up.

operate up to 18 hours per day before it needs to be recharged.

"We also offer a steel basket that holds up to ten 50-lb. small square bales." Sells for \$6,000 (Canadian) including 10-amp battery charger and track. A 2-bale model is also available and sells for \$8,800.

Contact: FARM SHOW Followup, Rovibec, 591, Route 259, Ste-Monique, Cte Nicolet, Quebec, Canada J0G 1N0 (ph 819 289-2260).