



DewEze's Super Slicer II works great for "rebalancing" round bales into small square bales.



Super Slicer can also be used to deliver feed to cattle on pasture.

"Super Slicer" Feeds Hay To Cattle, Baler

The Super Slicer II from DewEze works great for feeding cattle and also to "rebalance" round bales into small square bales. What makes it different from other bale unrollers, according to the company, is that there's virtually no leaf loss.

With a strong market for small square bales, the unit gives producers an easy way to meet that demand.

A powered sickle knife slices through wet, frozen, or tight bales with minimum waste

and full bale feeding control, according to DewEze ag sales manager Luke Thornton.

"With its self-loading, double bale capacity you can lift, load, transport, and feed from inside your tractor or pickup, all in one operation. It feeds directly into a square baler with minimal leaf loss," Thornton points out. "The sickle is adjustable from 3 to 6 in., and has newly patented stub nose guards. Also, it has easy string removal; all the string or net wrap comes off all at once

with one slice."

Two hydraulic orbit motors have 2 manual adjusted flow controls, and there are 3 chain drives for maximum feeding. The Super Slicer II is also available as a stationary unit (the table only, without the trailer and loading fork) for feeding into a mixer/grinder.

"For rebaling, you simply pull a square baler right up to the opening and start up both machines," Thornton explains. DewEze sells through a dealer network, with the suggested

retail price for the Super Slicer II being \$11,775, plus shipping. The stationary table has a suggested retail of \$8,950 and both units come with a 1-year parts and labor warranty.

Contact: FARM SHOW Followup, DewEze, 151 E. Highway 160, Harper, Kan. 67058 (ph 620 896-7381 or 800 835-1042; info@harperindustries.com; www.deweze.com).



Roger Gutschmidt uses a mini electric fence to keep cats out of his garage. A 110-volt electric wire extends across width of garage door.

How To Train Farm Cats

Roger Gutschmidt was tired of his family's 8 cats always causing him trouble. They would break into the cat food dispenser that hangs on his garage wall, and leave muddy footprints on his vehicles.

To solve the food dispenser problem, he installed a spring-loaded bolt and a small tarp strap. But he had to get more serious to solve the muddy vehicle problem.

He used a 110-volt electric fencer, .035 welding wire (super thin, almost invisible), and 3 flat pieces of 10-in. long plastic to act as insulators.

"I fastened the plastic pieces to the door jams of my 2-stall garage with sheet rock screws," he says. "I attached one on the far end of each of the door openings and one on the middle post between the doors. I ran the wire through 1/16-in. dia. holes drilled in the end of the poly."

On the insulator furthest away from the 110v fencer unit, Gutschmidt attached the wire to an eye bolt held in place by a small compression spring that gives the wire some "give" when driving over it with his vehicles.

The wire was 3 in. off the floor and he left the garage doors open about 6 in., leaving a narrow access for the cats.

Gutschmidt says they all received a shock when they tried to enter the garage, and after only one day, they have never tried to come in again. Because the wire was spring loaded, he could have left it there permanently, driving over it when coming and going from the garage. However, because there's always the risk of forgetting it's there while on foot, Gutschmidt decided to take it down once the



Spring-loaded bolt and a tarp strap keep cats from breaking into cat food dispenser that hangs on garage wall.

cats were trained.

"They don't even hang around the garage at all anymore, which I like," he says. "If I had known it was going to be that effective, I would have done this years ago. I have a neighbor who wants to borrow it for his own pesky cats. I'm also considering putting this same electric wire system around our porch leading into the house. They're always hanging around there, too."

Contact: FARM SHOW Followup, Gutschmidt Manufacturing LLC, Roger Gutschmidt, 6651 Hwy. 56, Gackle, N. Dak. 58442 (ph 701 698-2310; shopdoc@drtel.net).

\$300 Waste Oil Boiler Heats House

Paul Oliver sees no reason to pay for fuel when he can get it free and no reason to buy a boiler when he can build one for \$200. Since he has figured out how to do both, he is helping others follow his lead. Oliver is selling plans for the boiler through his company MurphysMachines.com. He estimates most people with welding skills can build one for \$300 or less. The oil is free.

"I place an ad now and then and talk to folks at shops that change oil or have waste mineral spirits," he says. "I've even burned Rust-Oleum in my waste oil furnace."

Oliver first built a waste oil furnace for use in his shop. However, waste oil can't be burned inside a home, so he designed an outside boiler with a hot water jacket. Adding a coil to his conventional furnace plenum lets him use the heat inside. Dual thermostats let him use the furnace fan to distribute the heat.

Like Oliver's waste oil furnace (Vol. 32, No. 6), the waste oil boiler is built mostly from recycled parts. It uses air pressure to deliver atomized waste oil into a hot burning chamber fabricated from a propane tank.

"I used 55-gal. drums, a 100-lb. and a 25-lb. propane tank and some pipe fittings," says Oliver. "My filter is a large holed screen with an old tee shirt spread across it to keep twigs and bugs out."

The bottom of the boiler unit is a 55-gal. drum holding electrical circuits and a valve. A center drum holds the water jacket and propane tank burn chamber. The top drum is the exhaust vent. About the only thing Oliver didn't do himself was spray insulation on the drums. The spray-on insulation lets the boiler sit for several hours before the temperature drops below 100°.

"The boiler produces 180° water at 140,000 btu's per hour," says Oliver. "It's designed to be outdoors and exposed to the elements. It's efficient too. Even with motor oil, there is very little smoke. Vegetable oil and hydraulic or transmission fluids all burn even cleaner."

Oliver's biggest expense was the coil and components for transferring heat into the house. It was also the most technically challenging.

"The stuff on the inside is the same as



Most people with welding skills can build this waste oil boiler for \$300 or less, says Oliver.

needed if installing a wood burner," he says. "I just ordered a Sidearm heat exchanger, so I will be getting my hot water heated by the boiler as well. At \$200 for it and some extras and current hot water bills of \$35 a month with my electric hot water heater, it will pay for itself in less than a year."

Plans for the boiler are available online or by mail. An automated ignition parts kit, if desired, sells for an extra, \$515 plus shipping.

Contact: FARM SHOW Followup, MurphysMachines.com, P.O. Box 49, Almont, Mich. 48003 (ph 586 995-0101; info@murphysmachines.com; www.murphysmachines.com).