

Sampler Mounts On Bin Wall

"It gives you a grain sample from inside the bin in seconds, whenever you want it, without ever leaving the ground," says Dick Preston about his new probe that installs through the outside of bins to draw samples quickly and safely.

The sampler consists of a 4-ft. long probe which enters the bin at an upward angle. The probe is fitted with a spring-loaded valve connected to a push rod that's controlled from outside the bin.

To use, you simply pull on a rope which opens the valve and allows grain to come down into a pail that hangs on a hook under the bottom of the probe.

Installation on empty bins requires cutting a small hole in the side of the bin. "A 35-ft. high bin requires about three samplers," notes Preston.

Sells for \$115 (Canadian) plus S & H.

Contact: FARM SHOW Followup, Dick's Samplers For Grain Bins, Brock, Sask., Canada (ph 800 379-0151; fax 306 379-4405).



Preston's 4-ft. long probe enters the bin at an upward angle for quick, safe sampling.

Retrofit Door For Grain Bins With Bad Doors

An Alberta company has come up with a new, larger retrofit door designed to replace the original smaller doors that are too small, leak, or have poor unloading auger access.

Twister Grain Bins of Calgary recently introduced the "Retroadoor", a hinged, smooth sided steel door measuring 48 in. high and 36-in. wide. It leaves an opening for your auger that's 20 in. high and 29 in. wide. The auger is inserted into a 3-piece triangular hood that extends about 2 ft. back into the bin for unloading access. The door is designed with panels that can be removed without the use of wrenches. You can remove the panels without having to enter the bin.

Flat steel mounting flanges on the four sides of the door allow it to be adapted to any corrugated bin. You measure the hole for the door and cut on the inside of the bin. The flat side of the door will then fit flush against the "valley" of the corrugation. The gap caused by the "hill" of the corrugation going away from the door is filled with expanding spray foam sealant (provided). The door comes with holes drilled 2.6 in. apart on the mounting flange so it will fit most older bins. You install the door at least 16 in. above the bin floor to allow grain to flow to the unloading auger.

Sells for \$425 U.S. funds F.O.B.

Contact: FARM SHOW Followup,



Auger inserts through triangular hood.



Door panels can be removed without wrenches.

Twister Grain Bins, Dan Schaefer, 3101 93rd Ave. S.W., Minot, N. Dak. 58701 (ph 701 722-3716; fax 3592).



System converts air bags into electronic scales that send weight information to a digital readout in truck cab.

Air Weigh Scale For Semi Trucks

If you own an air-suspended semi truck and trailer, you'll be interested in this new weigh scale designed to work off the bag "shocks". It converts the bags into electronic scales that send weight information to a digital readout in the cab.

The "Air-Weigh" scale kit converts air pressure in the air bags into 100-lb. increments. The unit operates off the truck's 12-volt battery and takes advantage of the fact that air suspension systems use height control valves to keep the vehicle's frame at a constant height. The scale electronically senses the changes in air pressure that are required to support a load at that specified height. A computer calculates how much air pressure it takes to raise the frame back to its

height when it was empty.

To install the system, you unscrew a threaded fitting on the truck or trailer's air line and attach a "T" pressure sensor. A cable leads from the sensor up to the monitor in the cab.

"It provides you with a constant weight readout and eliminates the need to drive somewhere and get the weight checked," says Randy Loder, Boone Valley Implement, Inc., Renwick, Iowa. "It also helps you avoid over-weight fines and underweight revenue loss."

Sells for \$985 plus S&H.

Contact: FARM SHOW Followup, Boone Valley Implement, Inc., 301 McCurry St., Renwick, Iowa 50577 (ph 515 824-3231; fax 3545).

Teens Succeed With Custom Baling Business

Two South Dakota teenagers who started their own custom baling business a couple years ago now say they now have almost as much business as they can handle.

Travis Hostler, 18, and Jayson Plamp, 17, started their business at the beginning of the 1996 haying season and now have 15 to 20 regular customers in a 55-mile radius around Mt. Vernon, S. Dak.

"We each bought a new New Holland 664 round baler at the beginning of the '96 season," Hostler explains. "They're equipped with all the options so they ran about \$26,000 apiece."

Business grew first by word of mouth, then by putting up flyers and taking out ads in a few newspapers.

Several other area custom balers had recently gotten out of the business, which also helped.

The two young entrepreneurs focus on pleasing their customers.

"If a customer isn't satisfied with the way

a bale is tied or if the tie is broken, we go back and re-bale it," Hostler says.

They charge \$5.50 apiece for 5 by 6-ft. twine-tied bales and \$6.50 for net wrapped bales. Hostler estimates they've made 11,000 to 12,000 bales between the two machines in the past two seasons. The balers also get use on their own family farms.

Hostler will attend Mitchell Technical Institute and Plamp South Dakota State University next year, but they say they fully intend to continue with their baling business.

"We'll probably run with these two balers another season, then trade for new," Hostler said. "We'll go with New Holland again. They'll cover a lot of ground in heavy hay at a pretty good clip."

Contact: FARM SHOW Followup, Travis Hostler, 39886 252nd St., Mt. Vernon, S. Dak. 57363 (ph 605 236-5209) or Jayson Plamp, R.R. 4, Mitchell, S. Dak. 57301 (ph 605 996-8813).

"Most Versatile Bale Processor Ever"

"It's the most versatile machine of its kind ever built," says DuraTech Industries International about the Haybuster bale processor the company recently introduced at farm shows across the country.

The 2544 "Bale Buster" handles both dry hay and high moisture silage bales equally well, thanks to an adjustable chopping system that allows 18 free-swinging cast iron flails to adapt to different crop materials. You simply use a turnbuckle ratchet to move the 17 "slug bars" that the flails swing against.

The machine also features a new-style cutting screen that allows hay or straw to be chopped to as short as 3 in. in length,

the company notes.

A big four-blade, 44-in. dia. fan can be adjusted to blow straw as far as 90 ft. across an entire barn (with optional cannon spout) or into feed bunks with a standard spout and deflector shield.

Minimum pto requirement is 80 hp and minimum tractor hydraulic output is 8 gpm at 1,500 psi's.

Sells for \$16,000.

Contact: FARM SHOW Followup, DuraTech Industries International, P.O. Box 1940, Jamestown, N. Dak. 58402-1940 (ph 701 252-4601; fax 0502; E-mail www.dura-ind.com).



The "Bale Buster" handles both dry and high moisture bales equally well, thanks to a new-style chopping system.