



Bin holds more than a 5-gal. pail of samples. There's a whiteboard and pen under the lid to write information about the crop.

Grain Sample Bin

Storing grain samples is easy with the "Sample Bin", a patent-protected plastic hopper that can be attached to a bin, grain leg, or any other surface.

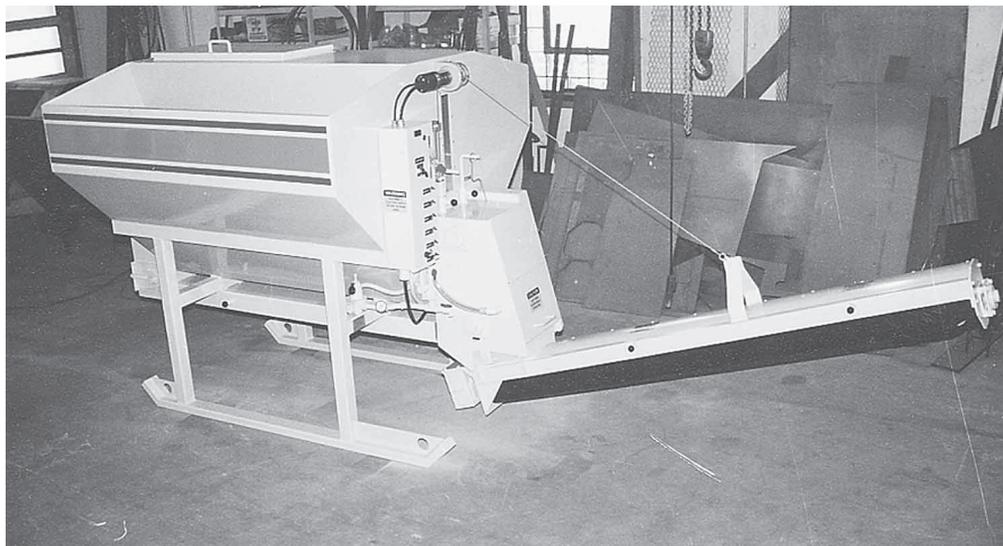
The bin holds more than a 5-gal. pail. Samples are easily dispensed as needed.

The Sample Bin is made from a durable polyethylene plastic. It's weather-resistant (including ultra-violet light), and will not rust. It's rodent proof and self-venting, so it maintains the sample's integrity.

"Ease of use is one of the Sample Bin's greatest features. As the grain is being loaded into the storage bin, a periodic representative sample can be taken and safely stored in the Sample Bin," says Brian Krywko, inventor. "Conveniently located under the lid, the unit includes a whiteboard and pen to write all the important information about your crop and the sample."

Sells for \$89 (Can.) plus S&H.

Contact: FARM SHOW Followup, The Sample Bin, Brian Krywko, R.R.#1, Morinville, Alta., Canada T8R 1P4 (ph 780 939-7463; bkry@telusplanet.net).



Luoma's 3-cubic yard mixer combines sand, cement and water in an auger tube fitted with specially-designed paddles.

State-Of-The-Art Concrete Mixer

When Gene Luoma needed a new concrete mixer, he decided to build his own. He came up with a totally new design that's unlike anything on the market.

"I wanted a mixer that would be easy to use and easy to clean, with low maintenance requirements," says Luoma.

The 3-cu. yard mixer mounts on skids and operates entirely on chains and electric motors. The main body is divided into three compartments, with cement in the middle, and sand on one side and gravel on the other side. A floor-mounted feeder chain delivers material from each compartment toward the front of the machine. The chain drops the material into an 8-ft. long, 7-in. dia. screw auger, where water is added by a garden hose that hooks up to the mixer. The auger tube is equipped with specially designed paddles that mix the material and water together into a slurry.

A control panel on front of the machine is used to operate the feeder chain, auger, water delivery, cement additives, and an electric winch that raises and lowers the auger. The auger can be removed for transport by pulling two pins.

"It works great whether you need a lot of concrete or just a little," says Luoma. "You can mix amounts as small as a 5-gal. bucketful by operating the feeder chain just long enough to fill the auger."

"The amount of material coming out of the concrete compartment always stays the same. However, doors at the bottom of the sand and gravel compartments can be raised or lowered to adjust the proportion of cement depending what strength of concrete you want. A small pump can be installed on the machine for delivering additives to the concrete."

A big advantage of the machine, says Luoma, is that there's no need for a right angle gearbox. "The feeder chain runs parallel to the sand and gravel chains instead of at a 90 degree angle, so no gearbox is needed," says Luoma. "Any time you use a gearbox you lose efficiency and have more parts to wear out."

"Another advantage is that the auger paddles have bolt-on, abrasive resistant poly liners that can be replaced when they wear out."

The mixer is also easy to clean out, he says.

"After you're done using the mixer, the only thing that needs cleaning is the screw auger - there's no big drum to clean. Once the auger is empty you use the winch to lower the auger so that it's running downhill. Then as the auger runs empty you use a hose to spray it down."

The skids make the mixer easy to load onto a trailer and to go wherever you need concrete, he says.

The feeder chain on the mixer is operated by a 3 hp electric motor. Another motor operates the auger. Luoma also makes a 12 cu. yard mixer that's operated by a 10 hp motor and has a 12-ft. long, 12-in. dia. auger.

Luoma doesn't build the mixer for sale but instead sells plans so you can build your own. "You can build the small one for about \$3,000 and the big one for about \$7,000," he notes. "A commercial model with comparable capacity to my biggest model sells for about \$50,000."

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Fiberglass Fencing Great For Horses

Fiber Fencing System Inc. at Cadogan, Alta. sells a unique type of fencing made from fiberglass pipe. Due to the semi-flexible nature of the pipe, horse owners are the company's biggest clients. The "round breaking pen" is their biggest seller, according to company co-owner Carman Lessmeister.

"There isn't anything else like it around. It's 7 ft. high and flexible, so if the horse or rider hit into it, they are less likely to get hurt," he says.

The company's latest product is a "tarp pen" intended for rodeo or show horses.

It's a portable 9 by 10-ft. pen with a tarp system to go over it, keeping the animals out of the rain or sun. The pen comes with either a slide gate or a swinging gate.

It's a little over 8 ft. tall, so there's plenty of clearance.

"It's very easy to transport and set up. The tarp hood goes on top and completely encloses three sides," Lessmeister says. "You can roll up the tarp from the bottom as much as you want to allow more or less air circulation. The front is open. When it's time to leave, the whole pen folds down easily."

Fiber Fencing Systems also builds a feeder

specifically designed for horses. It's 6 1/2 ft. tall with vertical pickets that rotate and prevent horses from rubbing their manes.

According to Lessmeister, he and his partners started the company because they were unable to find a fencing product to meet their own needs.

"We wanted a product that was lightweight, while providing strength, flexibility and long life compared to other products currently on the market," he says. "Fiber Fencing Systems are virtually maintenance free and can outlast conventional fencing options on the market."

Fiber Fencing Systems can provide all types of customized orders and quality installations including: permanent acreage fence, portable panel bale feeders, feedlot systems, page wire frames for small livestock fencing, pasture fence, permanent fence and portable panels.

The posts of the permanent panels are set into the ground. The rails of the panels are continuous, allowing for ease of construction.

"Our retractable gates are a revolutionary new system, unlike any on the market today. The gate itself slides into the framework of



"We wanted a lightweight product that would provide strength, flexibility and long life compared to other products currently on the market," says Carman Lessmeister.



the panels or permanent fence, allowing for quick and easy access," Lessmeister explains.

The standard rail length is 9 ft. while post lengths are 5 ft. and 7 ft. Custom sizes can be ordered, however.

"The standard diameters that we work with are 2, 3, 4 and 6-in. The wall width of the pipe ends is what determines the strength of the pipe used to build our products," he says. "For portable panels, polyethylene connectors are used to allow for easy assembly and portability. For a finishing touch, polyethyl-

ene caps can be added to all products."

The round breaking pen sells for \$5,400 (Can.), the tarp pen is priced at \$2,800 (Can.) and the horse feeder is \$900 (Can.). For other product prices or custom order inquiries, call Lessmeister.

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