



Round Bale Grain Storage

“It’s not a place to keep corn permanently, but it’s easy to feed cattle out of it for a few weeks and eliminates drying costs,” says Rex Gogerty, who uses rows of round bales to temporarily store high moisture shelled corn harvested late in the season.

His round bale feed bunker is located next to his feedlot. He sets up two rows of round bales tight against each other and about 20 ft. apart, and then drives his combine alongside and dumps 18 to 20 percent moisture shelled corn between the bales. A loader tractor scoops the corn into a wagon, as needed.

“It’s a good way to get rid of high moisture corn without having to dry it,” says Gogerty. “We store about 1,500 bu. between the bales. The corn keeps for quite a while, because the weather is colder by the end of the harvest season. Usually we get all the corn fed out within a few weeks, before it can spoil.”

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Air Filter “Blaster” Pays For Itself

This new air filter cleaner uses a blast of air to instantly clean dirty canister-type filters.

“The Air Filter Blaster is designed to clean dirt from any canister-type air filter,” says Dennis Grieve, Salmon River Innovations, Salmon, Idaho. “It lets you use your air compressor to blow dust out of the filter. It’s not intended to permanently replace the purchase of new air filters. It’ll just make them last as much as 20 times longer.”

The unit comes with a cone-shaped, centrifugal force air induction chamber that pressurizes the filter from the inside out. To clean a filter, you hook up a compressor to a fitting on the induction chamber. The pressurized air creates a vortex that causes a poly shaft with slots in it to rotate. As the shaft rotates inside the filter element, the pressurized air coming out of the slots dislodges dirt and dust from the filter.

“It has just one moving part and should last a lifetime,” says Grieve. “The cone on top of the unit fits filters of various sizes and seals tight onto all of them. The air filter can be cleaned several times without applying more than 40 psi to the filter element. It works a lot better than damaging the filter by banging it on the ground, or holding an air nozzle 1/4 in. away from the filter, which can tear the filter element.”

The Air Filter Blaster comes with a



Air filter cleaner lets you use an air compressor to blow dust out of any canister-type filter.

duffel bag to store the unit, as well as a 3-lb. portable air tank and additional attachments. It sells for \$249 plus S&H. The company also sells a shop model for \$499 plus S&H.

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Reader Inquiry No. 83

Simple Repair Kit Solves Case IH Combine Problem

As a mechanic for more than 20 years, Gordon Ennen, Jr., of Ross, N. Dak., has spent many hours working inside, under and on top of Case-IH combines. He concluded that several cleaning system problems on Case IH’s long sieve combines could be reduced or eliminated with a relatively inexpensive and simple modification. He perfected the idea and recently decided to market a do-it-yourself kit.

His Cleaning System Repair Kit is designed for the Case IH 1680, 1688, 2188, and 2388 long sieve combine models, which were introduced in 1990. “The kit eliminates problems with broken sieves, failed bearing supports, failed bushings, broken drive shafts, and damage to the tailing auger trough. The only way to assess the extent of any damage is to disassemble and inspect all cleaning system components,” says Ennen.

The basic problem with the cleaning sys-

tem on these Case IH models, says Ennen, is that the gap between the shoe and the rear steering axle isn’t big enough for the shoe. As a result, on its backstroke the shoe comes into contact with the top of the steering axle support and the sides of the chaffer rail hit the auger bed corners. On its forward stroke, the shoe hits the tailings auger cover. “This internal contact is causing all the problems with these cleaning systems,” says Ennen. “The cost to replace the chaffer is about \$1,500.”

The kit includes spacers that move the axle back 3/4 of an inch, making the gap big enough for installation of a rubber flap which is another component of the kit. “It will lower your repair costs and reduce downtime during harvest. It takes about 8 hours to install the components, and there’s no need for any special tools.” The kit sells for \$310 plus S&H.



Gordon Ennen, Jr., says his new do-it-yourself kit solves several cleaning system problems on Case IH’s long sieve combines. U.S. Patent No. 6,832,953.

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Reader Inquiry No. 84