

CENTER BIN UNLOADING SYSTEM CONVERTS DRYING BIN TO CONTINUOUS FLOW DRYER

Boost Capacity of Your Drying Bins

You can possibly double or triple capacity of conventional drying bins with a new center bin unloading system introduced by David Mfg., Mason City, Iowa.

The new DMC Grain Flow system converts any 18 to 30 ft. dia. bin into a high capacity, continuous flow dryer. For example, an 18 ft. dia. bin with one 5 hp fan motor and a plenum drying chamber temperature of 180°F can process 1,850 bu. in 24 hours. In a 30 ft. dia. bin, two 10 hp fans and 180°F plenum drying chamber temperature can process about 4,500 bu. of grain in 24 hrs.

"Our system features an exclusive Accu-Sensor flag to monitor grain flow moisture in the discharge auger," Orland Bartz, sales manager, told FARM SHOW. It's located in the actual grain flow for more accurate control than from bin-wall mounted probes, and is accurate to an average plus or minus one degree."

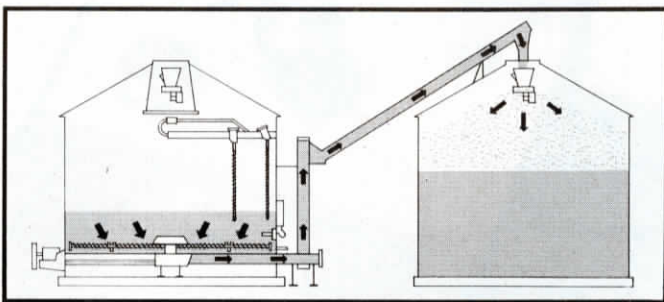
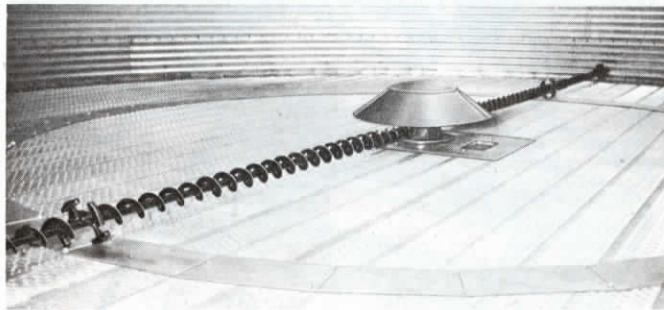
Bartz notes that in the pre-dry cycle, grain is dried to a predetermined level. When grain reaches this

moisture level, the system automatically switches to the dry-sample cycle. It continues to unload grain unless a higher moisture level is detected. A high moisture level causes the system to automatically switch to the pre-dry level until the predetermined moisture level is again reached.

The discharge auger is equipped with a safety switch which shuts off the entire grain flow if a breakdown occurs in the grain transfer system. Twin augers are used for even grain flow and to equalize pull on the center gear box. Adjustable legs allow the gear box to fit any plenum height from 11 to 20 in.

Suggested retail cost is \$2630 for a DMC Grain Flow system to fit an 18 ft. dia. bin, and \$2,915 for a 30 ft. dia. bin. Sizes available to fit most bin sizes in between.

For more details, contact: FARM SHOW Followup, David Mfg. Co., 1600 12th St. NE, Mason City, Iowa 50401 (ph. 515 423-6182).



New DMC Grain Flow system augers dried grain to the center and out. Accu-Sensor unit, located in discharge auger, controls automatic removal of dried grain from the bin at predetermined moisture level. Twin augers are used for even grain flow and to equalize pull on the center gear box.

CATTLE TREAT THEMSELVES

New Way to Control Face, Horn Flies

Cattle get an automatic, effective treatment against face flies, horn flies and lice every time they come to the new "dusticator" for salt or mineral.

Introduced by Mann Enterprises, Waterville, Kan., it stands about 5 ft. tall and can be adjusted up or down for various size cattle. Four salt or mineral blocks are placed in the spokes of the unit's wheel-shaped frame. The wheel is protected from the elements by a metal hood and nylon weather shield.

A burlap bag containing insecticide dust hangs around the outer circumference of the wheel. As cattle go to the Dusticator for salt and mineral, the upward thrust of their heads releases the insecticide dust and effectively treats each animal against flies and lice.

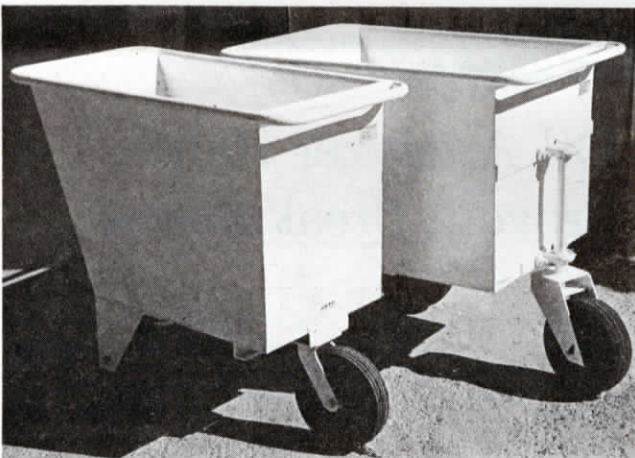
The bag holds 25 lbs. of dust, enough to service 50 cows for about 6 weeks. The dust doesn't cake up in wet weather, says the manufacturer.

Telescoping legs allow the unit to be "narrowed up" for easy transport in a pickup. Suggested retail is \$180 f.o.b.

For more details, contact: FARM SHOW Followup, Mann Enterprises, Box 444, Waterville, Kan. 66548 (ph 913 785-2117).



Cattle reach under the circular dust bag to lick at the base of block salt or mineral stored in the spokes of the wheel-shaped "Dusticator".



Vet tray for the Mosdal cart is optional.

Custom-Built Feed Carts

"We recognize that each operator's situation is different and are set up to make custom-built carts tailored to each customer's specific needs," says T. Mosdal, manufacturer of Mosdal Feed Carts, Broadview, Mont.

The carts are commonly used for feeding livestock, moving animals, for cleanup jobs or for moving anything that's too heavy to carry. They're made of all-welded 14 ga. steel and painted white. The top perimeter is reinforced with a 1 in. iron pipe which forms the handles on both ends. Wheel brackets are made of 3/16 in. steel plate. Usual widths vary from 18 to 30 in. in 2 in. increments. Usual heights vary from 30 to 40 in. Length is generally 40 in.

Larger sizes available on request.

The wheels have pneumatic or semi pneumatic tires and are equipped with zerks. The larger size wheels makes it possible to push them on hard packed dirt and over slatted floors, Mosdal points out. "We also make a vet tray to fit the top of the cart. It's 6 in. wide and about 1 in. deep. Made of the same white painted 14 ga. steel, it holds medicine and tools so the cart can be used for treating litters of pigs or other animals," says Mosdal.

For more details, contact: FARM SHOW Followup, Mosdal Feed Carts, Broadview, Mont. 59015 (ph. 406 667-4468).