

**REVOLUTIONARY 'AUG-A-BALE' SYSTEM'S
VIRTUALLY MAINTENANCE FREE**

Augers Replace Chains On New-Style Bale Elevator

Latest new way to move conventional hay bales into storage is the revolutionary Aug-A-Bale system that uses two 5-1/2 in. dia. metal augers instead of chains to propel bales up and into the barn.

Inventors Bob Checkley and Rudy Neilsen, of Arthur, Ont., have applied for a patent and are marketing their new system through Rubob Mfg.

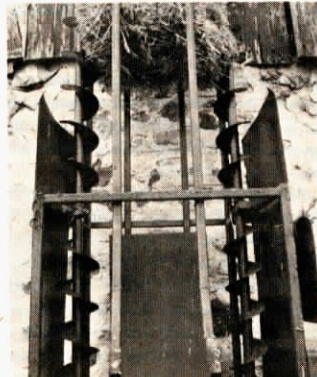
The revolutionary new Aug-A-Bale conveyor is positioned vertically directly parallel to the barn wall. It consists of a short hinged conveyor (3, 5 or 10 ft. long) connected to a vertical cage built of 1 in. sq. tubing. The cage encloses a pair of 5 1/2 in. dia. steel augers running parallel to each other and spaced 24 in. apart.

The augers, powered by a ground-level 3 hp electric motor, rotate in opposite directions, grabbing the edges of each bale and moving it to the top of the cage. There, a bar deflects it into the opening at the top of the barn. You can move bales farther into the barn with a "skeleton" elevator, or by hand.

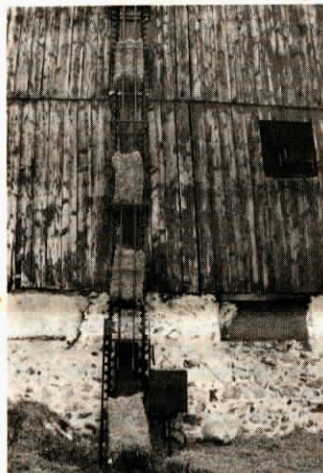
Checkley and Neilsen built their first prototype last year and used it to move over 10,000 bales into storage. "The vertical chain elevators we'd previously used gave us problems. We wanted something that was virtually maintenance free, which led us to develop this chainless auger system. The short input conveyor can be pivoted up or down, making it easy to load bales from a wagon or truck. Irregular-shaped bales are no problem because the augers straighten them out," says Checkley.

"We can supply augers to any length, depending on your barn's height. Standard sizes are 3, 5 and 10 ft. long conveyors, and augers up to 70 ft. long."

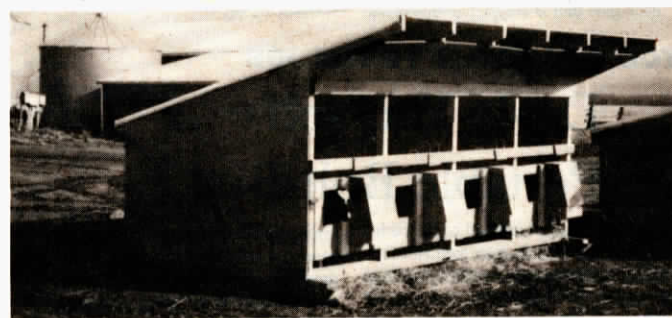
For more information, contact: FARM SHOW Followup, Rubob Mfg., Rt. 3, Arthur, Ont., Canada NOB 1A0 (ph 519 843-3700).



Powered by a 3-hp. electric motor, the augers turn in opposite directions to move bales upward.



"It's virtually maintenance-free," say the farmers who developed "Aug-A-Bale".



After 5 years and a death loss of just one calf in 350 births, Walter says he's totally sold on the design of his calf hutch.

EASY TO CLEAN, EASY TO MOVE

Solar Hutch Keeps Calves Healthy

Roger Walter lost 25 Holstein calves from disease during the winter of 1982 in his calf barn despite extensive treatment with drugs.

"In February, with an 80° below zero wind chill, our veterinarian decided that if the calves were going to die anyway, we might as well try moving them outside into

makeshift hutches made of straw and plywood. After a week, we had four healthy, thriving calves. Now, almost 5 years later with a death loss of just one calf in 350 births, we're totally sold on the idea of raising calves out in the cold," says Walter.

Once he had decided to raise calves out-



Lowering the front-end loader drops the chute to the horizontal.

SIMPLE NEW WAY TO DO IT YOURSELF

Trimming Chute Mounts On Front-End Loader

You can trim hooves yourself instead of hiring a custom operator with an inexpensive new do-it-yourself "tipping table" that attaches to a tractor front-end loader.

Developed by Canadian Jack Taylor, the top of the new table bolts to the upper lip of a loader bucket. The weight of the table is carried by two 15-in. tires. To work cattle, the table is first held in the upright position against a fence or side of a building. Once an animal is strapped into place, you simply lower the front-end loader to lay the table on its side.

Taylor says he got the idea for the trimming table from a neighbor. "He wanted something that would be less expensive

than the big self-contained trimming chutes."

The new unit mounts on any front-end loader and can be quickly detached. The table can be positioned against a corral panel to form a chute or it can be fitted with an optional add-on side panel held by extension arms to form its own chute. An optional headgate is also available.

Taylor says the new tipping table handles the largest cows and bulls. Sells for \$995 (Canadian).

For more information, contact: FARM SHOW Followup, Nu-Way Research & Manufacturing Ltd., Box 997, Melfort, Sask. Canada S0E 1A0 (ph 306 752-4219).



Held upright by loader, the new trimming chute rides on two 15-in. tires.

side, Walter began the search for a simple calf hutch design. "We wanted a hutch that would be easy to build, easy to clean, and that would make it easy to feed the calves."

The "solar" calf hutch he built is designed to be pulled or pushed out of the way with a tractor so manure can be scooped up with a loader. Walter says the hutches can even be moved slowly with calves still inside.

The 8 by 12-ft. hutch, built with 2 by 4's and plywood, has plenty of room for 4 calves. It's fitted with a 12-ft. wide steel roof to provide extra shade in summer. A

door can be lowered from the eaves during winter to block out winds. There are bottle racks and feed boxes on the front for convenient feeding. Walter keeps calves in the hutch for 6 to 8 weeks. He uses 4 hutches to serve a herd of 85 cows.

Because of interest from neighbors, Walter started custom-building the hutches. They sell for around \$500 apiece.

For more information, contact: FARM SHOW Followup, Roger Walter, Walter Bros., Plummer, Minn. 56748 (ph 218 465-4473).