



Five or six turns of hand crank dump both bale cradles.

DUMPS ITS LOAD OF 10 BALES AT ONCE

New Winch-Dumped Round Bale Wagon

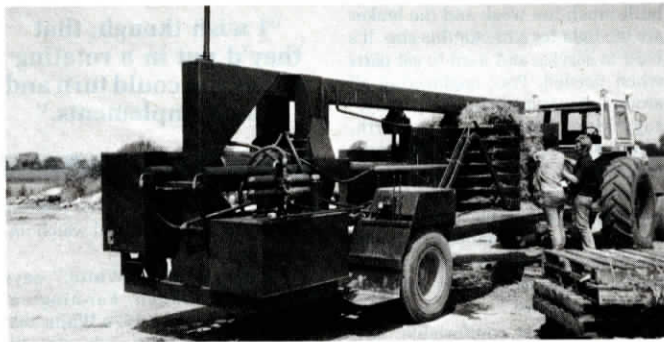
"We built this round bale wagon for use on our own farm three years ago. It's worked so well, we decided to manufacture it for sale," says Dwayne Mumby, St. Brieux, Sask.

Mumby's new winch-dump wagon carries as many as 10 6-ft. bales at once and can be pulled with a ¾-ton truck. All 10 bales unload at once with the use of a hand winch that eliminates the need for hydraulic equipment or for a tractor at the stack yard. "Five or six turns of the hand crank lets the inside of the bale cradle raise enough so the weight of the

bales is off-centered and they roll off by themselves. You lower the cradles again by reversing the winch. Two pins, located at the center of the wagon, lock the cradles down for transport and are released by raising the lever located below the winch," explains Mumby.

New bale wagon sells for about \$5,000 (Canadian).

For more information, contact: FARM SHOW Followup, Dwayne Mumby, Box 332, St. Brieux, Sask. SOK 3V0 Canada (ph 306 275-4510).



Operators tied bales by hand on this early prototype. New model automatically reties bales.

AUTOMATICALLY RETIES BALE WITH EXISTING STRING

"Squeeze" Hesston Big Bales To Half Size

A new Hesston bale-squeeze machine may mean big savings in transport costs for commercial hay growers.

Built in Britain, the new compactor can reduce a big 9-ft. long Hesston square bale to just 4½ ft. by applying nearly 400,000 lbs. pressure. Once compressed, the compactor automatically reties the existing strings. The process takes just a minute or so and company spokesman Colin Hare

says it can easily squeeze 25 to 30 bales per hour.

The machine has its own 80 hp. engine driving 3 hydraulic pumps, but could be driven by tractor pto if desired.

The main business of the manufacturer, Moor Farm, is commercial straw production. The company operates 10 Hesston balers during August, September and October, treat-



This remodeled barn houses Campbell's potato chip business.

ON-FARM POTATO CHIP BUSINESS CREATES NEW INCOME

Farmer Makes Chips In Old Dairy Barn

South Dakota farmer Bob Campbell started a food manufacturing business right on the farm after months of careful research.

Campbell, who used to sell potatoes for further processing to Frito Lay, got started on the idea of making his own brand of potato chips as a way for his two teenage sons to make some extra money. It soon mushroomed into a \$75,000 investment requiring four 8-hr. workshifts of workers to produce 5,200 bags of chips per week.

"We did everything ourselves from the ground up, including the design of the package. We want to produce a quality chip so anyone who tries them knows they're the best," says Campbell. He spent months visiting other potato chip manufacturers, including other farmers who'd started chip-making businesses on their own. After learning the business, he bought the required equipment, including peelers, slicers, conveyors, packages, fryers, and so on. He designed or modified some of the equipment to fit his small, hands-on operation, which is located in the hay loft of an old dairy barn on the farm. To locate in the barn, the Campbells had to thoroughly remodel the building, install wash-room facilities, and line the wood walls with white steel.

Campbell says there was surprisingly little government paperwork and licensing involved in setting up an on-farm food manufacturing business.

The only Federal licensing problem he had was with the FDA over nutritional information required on the package. He found out you have to be careful about the claims you make. "Our chips don't have any cholesterol in them because we use

ing it and selling it for animal feed. They also manufacture bale handling equipment and have had inquiries from throughout the world for the bale compactor, which sells for around \$50,000.



Campbell designed the chip bag.

high-quality cottonseed oil for frying, but I found out that if you want to say 'no cholesterol' on the package you have to include very detailed information on the package," he explains.

Campbell has taken care to produce a high-quality chip not only by using highest quality oil, but also by using longer frying time and thicker slices. "The high quality helps differentiate themselves from other products on the market. It's a competitive market and you have to stand out from the crowd somehow," he notes, adding that sales have built gradually as word gets around.

Campbell ships chips out in minimum lots of 6 bags at \$2 a bag, or 12 bags at \$1.75, including postage.

For more information, contact: FARM SHOW Followup, Dakota Style Chips, Rt. 1, Box 85, Clark, S. Dak. 57225 (ph 605 532-5271).

For more information, contact: FARM SHOW Followup, Holden Plant, Moor Farm, Walesby Lane, Tealby, Lincoln, LN8 3UP England (ph 067383 384).