

Cement mixer's hydrostatic components drive the spreader, which was originally designed to be mechanically-driven.

**LETS HIM HAUL AT HIGHWAY SPEEDS**

## Manure Spreader Mounts On 6-WD Mack Truck

John Nye hauls manure every day, 365 days a year on the 200-head dairy operation he operates with his wife Maria near Washington Depot, Connecticut. This eliminates the need for storage and is one of the ways he keeps his costs down.

To handle the hauling chores, he needed a high capacity, high-speed hauler that would make it practical to haul loads up to 20 miles away. With the help of neighbor Scott Peterson, he built his own rig by mounting a Gehl Scavenger II spreader on a Mack 6-WD cement truck.

Nye says the Gehl Scavenger was ideal for his purposes because of its big 3,775 gal. capacity and the hydraulically-controlled lid, which prevents spills on the highway.

"We started with a 1974 Mack DMM-600 with a 9-speed transmission and a 250 hp. engine, equipped with a 10-yard rear unload cement mixer. We removed the mixer barrel and most of its mounting hardware. We then extended the frame, moving the rear axles back," explains Peterson.

"The most unique part of the project is

that we made use of the mixer's Sunstrand hydrostatic drive components to drive the spreader, instead of the complicated mechanical shaft drive, which is its stock equipment. The fluid drive is powerful and dependable, with fewer moving parts than if we had used a collection of chains, sprockets and a drive shaft connected to the truck's pto. We think it would have been destructive to drive the spreader off the truck's transmission."

Nye likes the hydraulic gate and high rpm solid-welded expeller reel combination on the Gehl spreader because it offers complete control over application rates. "It spreads soupy manure extremely well, which is especially important to me since I spread a lot on grasslands," Nye says, noting that the variable rate discharge system lets him lay on a fine spread for topdressing grasses or a heavy spread for tillage incorporation. It'll handle everything from liquids to semi-solids. Contact: FARM SHOW Followup, John Nye, Davies Hollow Farm, Washington Depot, Conn. 06794 (ph 203 868-7770 or 203 868-2379).



Heavy-duty walking beam tandem axle chassis is made out of 6-in. sq. tubing.

**TANDEM AXLE PROVIDES MORE  
MANEUVERABILITY, STABILITY**

## Universal Trailer For Grain, Forage Boxes

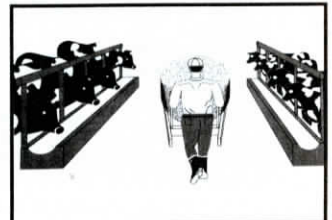
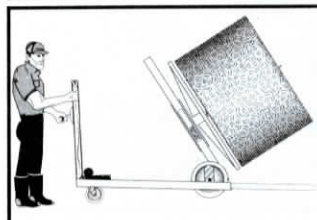
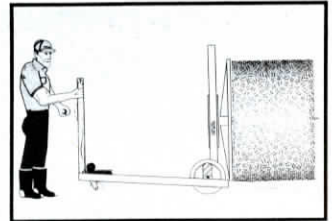
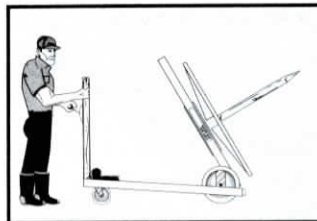
"It's the Cadillac of trailers for grain and forage boxes," says Rolin Mfg. of its new universal walking tandem.

Made of 6 in. structural tubing, it provides more maneuverability and stability, and is easy to back when under full load, says Ray Olin, inventor-manufacturer. "We've equipped it with an underslung

hitch, and optional hydraulic brakes, so it can be towed behind trucks."

Sells for \$1,295, not including tires (7.50 by 16, or 11L by 15, 8 ply) and tubes.

For more information, contact: FARM SHOW Followup, Rolin Mfg., Box 35, New Salem, N. Dak. 58563 (ph 701 843-7581).



Drawings show how hydraulic power is used to tilt up bale turntable and then lower bale back down to unroll it for feeding. Cart pushes easily through barn by hand.

**HAND CART HAS HYDRAULIC LIFT CYLINDER**

## Nifty New Round Bale Feed-Out Cart

"We built it in response to dairy farmers who came to us looking for a better way to handle round bales in barns," says Harry Van Dyke, Camtech Products Inc., manufacturer of a new hand-pushed feed cart for round bales with a hydraulic lift cylinder and free-spinning bale unroller turntable.

Designed to handle bales up to 5 ft. dia. at 2,000 lbs., it's a simple, easy-to-handle rig that nearly anyone can operate. It loads the bale hydraulically with a bale spear mounted on a spinning turntable. Powered by a 110-volt hydraulic unit, it plugs into an extension cord when loading a bale. Once loaded, you unhook the cord and push the cart up

and down aisles in the barn, peeling hay from the bale by turning the turntable, which rides on a double tapered roller bearing.

"It saves your back. Takes no effort to load a bale and, once loaded, the cart rolls freely. It's simple, with no complicated mechanisms requiring maintenance. Sells for half the price of other bale feed-out carts on the market at \$2,800 (Canadian)," says Van Dyke.

For more information, contact: FARM SHOW Followup, Camtech Products Inc., P.O. Box 301, Cambridge, Ontario Canada N1R 5T8 (ph 519 622-3634).

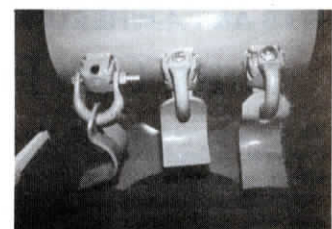
**DESIGNED BOTH FOR RIDGE TILL  
AND CONVENTIONAL TILLAGE**

## New Flail Shredder Has Dual-Position Knives

"We think the knife system on this new shredder is the most unique ever developed," says Tom Cederholm, Hiniker Company product manager about the company's all-new flail shredder that's fitted with dual position knives that can be installed either as cup knives - when vacuum is needed to lift a crop - or as "side slicers" under normal conditions. What's more, by installing a set of shortened flail knives, the chopper adapts to ridge-till ground.

The new 4000 shredder is available in 12, 15, 18 and 20 ft. machines that completely replace the old Brady lineup that Hiniker took over several years ago. Built heavier overall, with a 7 by 7-in. front frame member and new 2-in. "pilot" bearings that reduce the load on bearing bolts, the most innovative feature on the new machine is the design of the knives.

They mount on 3/4-in. dia. "D"-rings (size was increased from the previous 1/2 in. dia.) that can be mounted in two positions. When mounted in-line with the shredder, the knife is in the "cup" position, which works great for ridge-till and when a crop is down by creating vacuum that brings it up into the machine. When the D-ring is mounted crosswise, the knives swing side-



On this demonstration model, knife on right is in "cupped" position to create upward vacuum, knife on left is mounted sideways to slice, and knife at center is the shortened version used above ridges.

ways, slicing through crop material.

Hiniker eliminated two replacement parts with the new design so that when the knives wear out, you only have to replace the knives and not the hangers, as with the old style flails. The heavy D-ring will last through two to three sets of knives.

On ridge-till ground, four short knives are installed directly over each row, allowing the remaining standard length knives to reach down between the ridges.

For more information, contact: FARM SHOW Followup, Hiniker Company, Airport Road, P.O. Box 3407, Mankato, Minn. 56002-3407 (ph 507 625-6621).