

COMBINES BENEFITS OF A GRAIN AUGER WITH A GRAIN "BLOWER"

Farmer-Built "Blauger" Grain Handling System

"It's saved me the cost of a grain elevator and leg system," says Cecil Manness, Domain, Manitoba, about his air-powered "blauger" grain mover which uses a grain vacuum, a 60-ft. auger-less grain auger and 250 ft. of flexible 4-in. dia. tubing.

Manness, who farms with sons Rick and Norm, uses a Conveyair grain vacuum to push grain from a dryer to storage bins located up to 250 ft. away. To get grain up into the bins, they bought a 2-wheeled, lightweight carriage from an auger manufacturer and mounted 60 ft. of rigid 4-in. dia. metal tubing on it. A 4-ft. length of flexible tubing at the lower end of the "blauger" simply attaches to lengths of tubing running across the yard from the grain vacuum-blower.

"We call it the 'blauger' because it combines the work-saving features of a grain vacuum blower with the handiness of an auger," says Cecil. "It lets us use our stationary grain dryer with a minimum of operator time and effort."

The Manness's got the idea for the unit after facing a grain drying bottleneck. "It took too long to truck grain around the yard from the drying bin to storage bins, and sometimes the yard was so wet that we couldn't get trucks close to the bins," says Cecil. "This system is far less expensive than a U-trough or an elevator leg. As soon as our drying bin fills up, we run the 'blauger' for 1 to 1 1/2 hrs., moving about 2,000 bu. of wheat or barley per hour. We chose the Conveyair because it can push grain up to 300 feet. A lot of vacuum systems can't push grain that far."

To strengthen the "blauger", the Manness's welded 4-in. wide channel iron underneath the tubing. A hitch on the end of the channel iron makes it easy to move the "blauger" around the yard. Manness says that if he could do it over, he'd shorten the "blauger" to only 50 ft. "The shorter the auger, the stronger it is," he notes.

The connecting flexible ground pipe is



Flexible tubing from the grain vacuum system connects up to a length of flexible tubing at the bottom of the "augerless" auger tube that carries grain up into bins.

made up of 5, 10 and 20-ft. sections, connected with cam lock fittings which make it easy for one man to move and connect the grain handling system. Manness says that when his yard is wet at grain-hauling time, he can use the "blauger" to blow grain out of a bin to an area where the gravel is good enough that he can load trucks.

He uses a Deere 4430 to power the Conveyair, which is made by Vana Industries, 92 DeBates St., Winnipeg, Manitoba, Canada R2J 3S9 (ph 204 222-5239). "Any tractor over 100 hp could handle it," he notes.

Contact: FARM SHOW Followup, Cecil Manness, Domain, Manitoba, Canada (ph 204 736-4044).

CAN ALSO BE SLANTED OFF TO EITHER SIDE

New "Bendable" Blade Folds Forward And Back

You'll like this new "bendable" blade for skid steer loaders that V's both forward and back and can be slanted off to either side.

The hinging 7-ft. wide blade is controlled by two hydraulic cylinders and interlocking mounting brackets that can change the bend of the blade "on the go". The operator manipulates the quick-tach blade with two levers and a bank of hydraulic switching valves (the blade requires only one hydraulic outlet). It's designed to fit any skid-steer loader.

"Bending both sides of the blade forward works great for manure or other sloppy materials that might otherwise slip away. Bending both sides back works great for

plowing snow. And you can bend one side forward and the other side back to put the blade at an angle to grade to one side," says company representative Ken Petersen, noting that the hinge is protected with a flexible rubber guard so material cannot leak back through the middle.

The blades are made of long life carbon steel. Adjustable runners are available to control the height of the blade when moving snow. The 7-ft. blade sells for \$3,250. A 6-ft. blade is also available.

For more information, contact: FARM SHOW Followup, Implement Dealers Supply, Mountain Lake, Minn. 56159 (ph 507 427-3048).



To haul liquid manure, four hatches install on top of the box. Manure can then be spread either with a 10-ft. gravity bar or a hydraulic-powered spreader.

HOLDS 450 BU. OF GRAIN OR 3,800 GAL. OF MANURE

Grain Cart Doubles As A Manure Spreader

First of its kind hydraulic dump wagon hauls either manure (3,800 gal.) or grain (450 bu.).

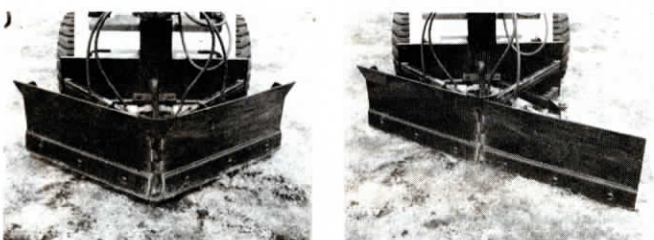
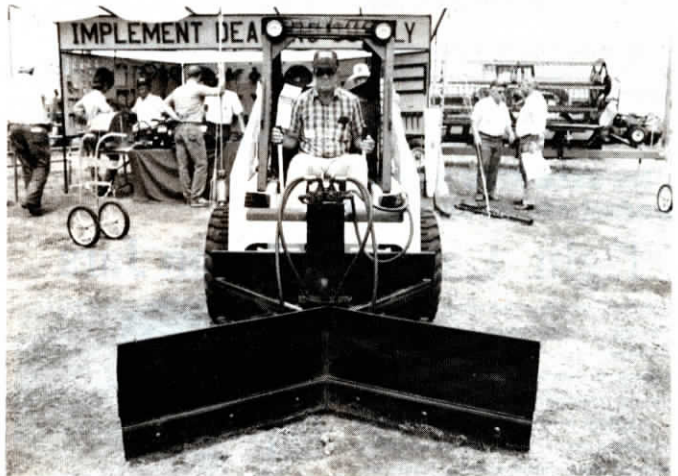
To haul manure four hatches install at the top of the wagon. They let you pump in manure but keep it from sloshing out the sides during transport. Two sloped baffles inside the rig also help reduce spillage. Manure is then spread on the field either through a 10-ft. long gravity bar or pumped out hydraulically.

To haul grain with the wagon, you remove the top hatches so you can auger in the crop. Grain empties out the wagon through

a grain chute at the back. The wagon bed lifts hydraulically and bed does have an 18-in. slope front to back.

The 14-ft. long, 7 1/2-ft. wide wagon has dual axles fitted with dual wheels, and it requires a 140 hp tractor. It's equipped with spring suspension, hydraulic brakes and a unique feature that helps pull through muddy fields. If the tractor gets into a rut, the wagon hitch extends out 3 1/2 ft., enough to get the tractor up on solid ground again.

For more information, contact: FARM SHOW Followup, N-Tech, P.O. Box 136, Barron, Wis. 54812 (ph 715 537-9207).



Photos show the different configurations that are possible with the "bendable" blade.