



Montag-built mover picked up and transported this 36-ft. dia. bin, shown going over a bridge.

## "BEST BIN MOVER I'VE EVER SEEN"

# Farmer Starts Grain Bin Moving Business

An Iowa farmer who had to find a new way to make a living when he got out of farming in 1985 says his grain bin moving business is going great.

Mark Bruellman, Whittemore, Iowa, got into the business with three pieces of unique bin and building moving equipment built by farmer Roger Montag, Rodman, Iowa. "We can pick up and move an 18-ft. bin faster than with any other mover. It only takes about 45 min. from when we drive into the yard till we're gone," says Bruellman. The bin mover loads the bin with straps that run around its circumference. It then lowers the bin hydraulically to a horizontal position on a hauling trailer. Nothing has to be done to the inside of the bin.

"The unique thing about this bin mover is that it raises hydraulically so you don't need jacks. You can also use it to raise a bin to add extra rings," notes Bruellman.

He also operates a larger Montag-built

bin mover that'll handle bins up to 36 ft. dia. "The only other bin mover I know of that's this big was copied after this one. We recently hauled a 30-ft. wide, 22-ft. high bin 65 miles. Road permits were not a problem but they do take time to obtain. We usually ask the farmer to get them if I don't already have them for the area," says Bruellman, who also owns a third mover that's designed for farm buildings. It handles structures up to about 22,000 lbs.

Bruellman has already moved 110 smaller bins, 45 big bins and 20 buildings throughout Iowa and the Midwest. He charges \$150 to \$200 apiece to move standard 18-ft. bins, plus loaded mileage. He charges \$800 to \$1,400 to move a 30-ft. or larger bin.

For more information, contact: FARM SHOW Followup, Mark Bruellman, Bruellman Seed Sales, Rt. 1, Box 27, Whittemore, Iowa 50598 (ph 515 887-6556).

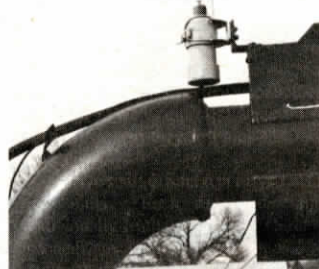
# "Rain Stop" Shut-Down For Irrigation Systems

How many times have you seen irrigation systems running wide open even in a heavy rain?

"It's an expensive waste," says Loyal Petersen, Osmond, Neb., inventor of "Rain Stop", an automatic shut-off device that should put an end to the problem. Rain Stop measures the amount of rainfall and shuts down the system once a preset amount - from 3/4 to 1 1/8 in. - has fallen.

Petersen, who sells center pivots, points out that in addition to the expense of operating a center pivot or other irrigation system when not needed, unneeded irrigation can also result in erosion due to excessive run-off. "This shut-off eliminates the need to walk out in muddy fields, or travel to several systems spread miles apart. It'll also shut down systems during the night."

Rain Stop collects rain in a small reservoir that snaps out for easy dumping. As it fills with rain, a small float rises. At the preset level, it activates a micro switch which, when mounted on a center pivot, breaks the safety circuit.



Rain water causes float in Rain Stop to rise, activating a switch which shuts down the system.

On a flood irrigation, traveling gun or other system, it can be installed directly on the pumping engine.

Rain Stop sells for \$135. The company is looking for distributors.

For more information, contact: FARM SHOW Followup, Petersen & Son, Inc., P.O. Box 207, Osmond, Neb. 68765 (ph 402 748-3388).



## "Sideline" Seed Cleaner

Ex-farmer Mark Bruellman (who continues to "keep his hand in" by farming 160 rented acres) also runs a "sideline" seed cleaning business with a portable, self-contained seed cleaner he continues to update and modify.

The Crippen cleaner was originally bought new by his local co-op in 1950. "It was a basket case when I bought it from a neighbor but it now sports its own 4-cyl. car engine, a 220-volt generator to power the intake auger, a plastic cup elevator, a clean grain "brush" auger, and a sewing machine if you want to bag the seed. It blows all "cleanouts" into a wagon - the

farmer keeps them all. I can do 250 to 300 bu. per hour, bag or bulk, taking seed from overhead bin, wagon, truck or granary.

"I charge 55 cents per cleaned bushel or \$1.40 per 60-lb. bag. Even though it weighs over 6,000 lbs., it pulls down the highway at speed limit so I can travel hundreds of miles for big jobs or to areas where there are several smaller jobs. We're cheaper and we travel right to the farm, so business is good."

Contact: FARM SHOW Followup, Mark Bruellman, Bruellman Seed Sales, Rt. 1, Box 27, Whittemore, Iowa 50598 (ph 515 887-6556).



Power is supplied by a 1962 Chevrolet 283 cu. in. V-8 engine.

# Home-Built "Car" Mower

"It covers a lot of ground," says Burton Spaude, Gibbon, Minn., who built his own heavy-duty farm mower by salvaging the engine and other parts from his worn-out 1962 Chevrolet.

The hydrostatically-driven mower features a direct drive pto, both 2 and 4-WD, tilt steering, hydraulic brakes and a 6-ft. mower deck. Spaude built it all from the ground up, including the mower deck which is equipped with Snapper blades and spindles.

Power is supplied by the Chevy's 283 cu. in. V-8 engine. A driveshaft direct off the engine runs the mower deck, which is suspended from a shock-absorbing 3-pt. frame that's also designed to carry a snowblower. The mower's hydrostatic pump is driven off the crankshaft at the other end of the engine. A pulley off the crankshaft runs a jackshaft that runs the pump. In operation, the engine runs at a constant 1,400 rpm's while the hydrostatic pump is controlled with a "foot throttle" by the operator.

The Chevy rear-end is positioned directly under the operator. An orbit motor

direct drives the rear end. At the rear end of the mower two car tires mount side by side on a short axle also driven by an orbit motor. These rear wheels turn 90° either direction for steering, controlled by a power steering unit. Spaude can run the drive motors separately or both at once, depending on the traction he needs. He was able to make a tilt steering wheel by using a V-belt to transfer steering motions to a jackshaft off to the side of the operator. The shaft runs back to the power steering unit. The frame of the mower was built from 2-in. sq. tubing.

Spaude bent sheet metal himself for the hood, installing the Chevy headlights in the front fenders. The mower has a 5 gal. fuel tank and burns about 1 gal. fuel per hour, running at 1,400 rpm's. "The surprising thing about it is that you can't hear the engine when it's running. All you hear is the sound of the mower," he told FARM SHOW.

For more information, contact: FARM SHOW Followup, Burton Spaude, Rt. 1, Box 188, Gibbon, Minn. 55335 (ph 507 834-6331).