



Up-front ramp lowers to ground to pick up bales, and raises to load bales up onto trucks, if necessary.

## COMFORTABLE CAB-EQUIPPED MACHINE TRANSPORTS AT HIGHWAY SPEEDS

# School Bus Converted To Haul Big Bales

"My son Joel and I built the machine for a neighbor 2 years ago," says Donald TenHulzen, Firth, Neb., about a "bale bus" built from an old school bus to pick up and haul 8 bales at once.

The men first stripped the bus down to the frame and build the bale-holding platform, which is 41 ft. long. The motor and transmission — a 350 cu. in. engine and 540 Allison transmission — mount at the rear of the bale platform. A hydraulic pump is driven off the front of the motor to drive orbit motors that control roller chain on the bale bed and pickup ramp. The roller chain was left smooth to avoid chewing up bales while moving them. The front pickup ramp is raised and lowered by a 5-in. hydraulic cylinder. The narrow cab, which mounts to the side, was salvaged from an old Case 600 combine.

"One of the nice features of the bale



Engine and transmission mount at rear of bale carrier. Loader chain drives hydraulically.

bus is that with the ramp raised up you can load bales directly onto trucks for transport," notes TenHulzen. Total conversion cost was about \$3,000.

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whatever happened to Rory Johnson and his revolutionary "no gas" engine which was first featured in FARM SHOW seven years ago (Vol. 3, No. 2). The new-style engine for cars, trucks and tractors was supposedly powered by deuterium, a hydrogen product, and gallium, a heavy metal and a well-known donor source for electricity. The materials, according to Johnson, combined to produce electrical energy which, in turn, operated the small but powerful 525 hp prototype engine which The Magnatron Co., headed by Johnson, had on display at its headquarters in Elgin, Ill. It was billed as being "noiseless, pollution free and it never shuts off — runs 100,000 miles before having to be refueled." They came by busloads — farmers, would be investors, reporters and skeptics — to view the machine and to see if it really was "for real".

Everything came to a screeching halt two months after our report when the Illinois Attorney General's office stepped in to prevent Johnson from disseminating any publicity or advertisements about the engine's performance until they had a chance to investigate it further, and to stop Magnatron from selling stock or distributorships, pending further investigation. Johnson refused to cooperate in the investigation, contending that to divulge "secrets" of his engine would be tantamount to Coca Cola being asked to give out

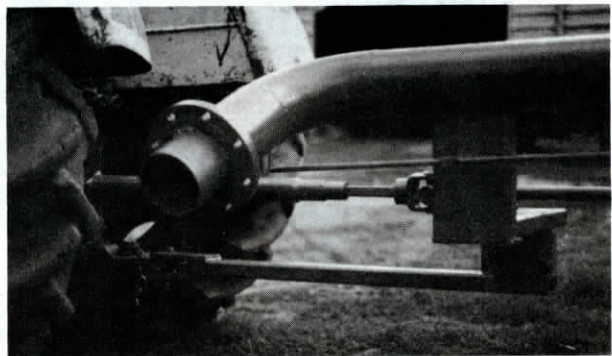
their recipe. Some observers speculated that big oil interest were moving in to stall or even kill another new energy-saving invention.

Johnson moved to California for a fresh start where he passed away suddenly on April 9, 1980, in Orange County of a heart attack. As far as we were able to determine, the engine, the dream and all of his "secrets" accompanied Rory Johnson to his grave, pulling down the final curtain on one of the most reader-responsive stories we've ever had in FARM SHOW these past 10 years.

We're occasionally asked if, given the benefit of hindsight, we should have run such a controversial story in the first place? Our answer is yes!

In deciding to run it, we rationalized that it's our job to keep readers posted on what's new in the marketplace, to give them as many pertinent details as we can gather both pro and con, and then let them decide if the new product or idea has merit. The danger, of course, is that we can cost readers money by being early with an idea that turns out to be bad. But we can also cost you money by being late with a good idea. Since it obviously was a controversial new product, we devoted half of our initial story to skeptics and the many unanswered questions surrounding Johnson, Magnatron and the revolutionary engine.

You'll recall that we've been following a similar

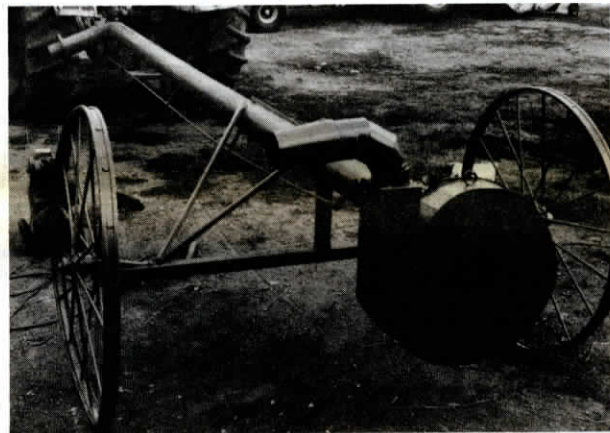


## Home-Made Manure Pump

"It'll load a 5,000 gal. manure tank in two minutes," says Ron Bernardin, Laurier, Man. of his home-built manure pump. To build it, he used 20 ft. of 6-in. dia. grain auger with the flighting removed and a down spout attached on the end. Tubing runs from the impellor to the back of the tractor where flexible line attaches to load the spreader.

The impellor (26-in. in dia.) is driven by a 1½-in. dia., 20-ft. long shaft connected to the tractor's 540 rpm pto. The pump also has an agitator port mounted above it. Bernardin mounted the entire rig on a set of steel dump rake wheels.

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new product controversy in recent issues of FARM SHOW involving Joe Newman and his amazing new energy engine. We're told that it will soon be installed in a car, powering it down the road at speeds up to 70 miles per hour with no other power source than a 9-volt battery. Newman (first featured in FARM SHOW's Vol. 8, No. 2, 1985 issue) has been locked in a court battle with the U.S. Patent Office. Meanwhile, he's decided to go ahead with development of his new-style engine which is controversial because it reportedly creates more energy than it consumes. However, a key factor in the riddle of its authenticity is that scores of respected scientists and professors who have had a chance to closely inspect the motor say it appears to work as claimed.

As reported in our last issue, Newman hopes to drive a car, powered with his revolutionary engine, to Washington D.C. this winter to give senators, and maybe even President Reagan himself, a first-hand demonstration.

Stay tuned! We'll be keeping you posted on this and hundreds of other "hot, new and interesting" new developments in the months and years ahead.

Meanwhile, thanks again for inviting FARM SHOW into your home and for your part in making this, our 10th birthday anniversary, such a memorable and meaningful celebration.