

LETS OPERATOR MAKE FULL ROUND WITHOUT UNLOADING

Tag-Along Trailer Gives Combine 600 Bu. Capacity

Need some extra carrying capacity on your combine so you can make a full round on long rows without having to stop to unload?

An idea developed by Minnesota farmers Harlan and Marvan Gohr, of Mountain Lake, may be the answer. The Gohr Brothers, together with Marvan's son Greg and hired hand Allen Oeltjbruns, rigged up a tag-along trailer which can carry an extra 350 bu. of grain — in addition to 250 bu. carried in the combine tank, for a total payload of 600 bu.

The Gohr Brothers operate a new (1982) Deere 7720 with optional factory equipped hydrostatic drive on the steerable rear wheels. It's equipped with an 8-row (30 in. spacing) header. "Our rows run half a mile and we wanted to be able to go one full round, or 2.4 acres, without having to stop to unload. The combine's grain tank holds right at 200 bu. which, in 20 to 28% corn yielding from 175 to 200 bu., meant having to stop somewhere in the field to unload," Marvan points out.

"Some of the neighbors were skeptical, thinking that trying to pull a tag-along trailer would be too much of a load for the combine to be pulling through the field," Marvan recalls. "But we discovered that the trailing wagon doesn't add as much drag on the combine as you might think. The wagon trails along completely empty for up to ¾ of each round while the combine tank is filling."

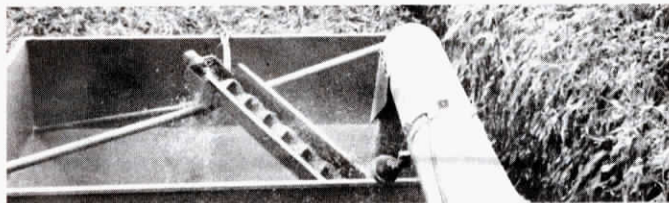
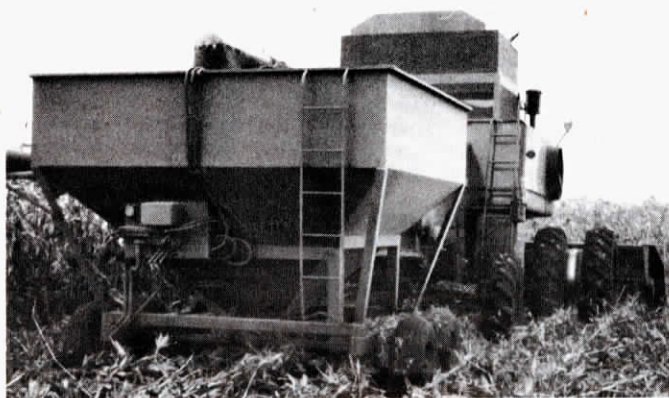
Marvan explains. "We don't run any corn into the wagon until the

combine tank is full. Consequently, at the end of a round, we end up with 200 bu. of corn in the combine tank and only 100 to 200 bu. in the wagon, depending on yield. Pulling the wagon behind hasn't caused any noticeable difference in the combine's performance, maneuverability, or ability to move through low, muddy spots."

The combine unloading auger has just enough reach to dump corn into one corner of the trailer wagon. A cross auger on top of the wagon keeps the load level, allowing the wagon to carry a full 250 bu. load, if necessary.

Push buttons allow the operator to control all of the action right from the cab. For example, the operator can swing the combine auger into position "on the go" for unloading grain into the trailing wagon. And the operator can pull up alongside a waiting truck and swing the auger into position for simultaneous (or independent) unloading of the combine tank and wagon. The entire push-button hydraulic augering system was designed and installed by Certified Pioneer Train Specialists, headquartered in Mankato, Minn. (ph 507 625-2423).

The wagon is dual purpose in that it can be used for regular hauling when not needed behind the combine. The wheels (11L by 15) straddle four 30 in. rows. "If I were to retool another running gear, I'd move the box slightly further ahead on the trailer to put more weight on the hitch when the trailer is carrying a



Tag-Along wagon holds up to 250 bu. and, according to Harlan and Marvan Gohr, doesn't affect the performance of their combine.

load. We also plan to equip it with a slide which can be opened for gravity unloading out the bottom," says Marvan.

If your newer model combine doesn't have optional power drive on the steerable rear wheels, Marvan thinks a tag-along trailer would work

just as well without it. "We only use the power assist when needed for getting through low wet spots," he points out.

For more details, contact: FARM SHOW Followup, The Gohr Brothers, Harlan and Marvan, Box 215, Mountain Lake, Minn. 56159.

"GO ANYWHERE" PUMP SLIPS DOWN THROUGH SLATS TO EMPTY MANURE PITS

New 3 In 1 "Pit Pal" Pumps, Chops & Agitates

"It's all you'll ever need to handle liquid manure," says manufacturers of a unique 3-in-1 machine that pumps, chops and agitates liquid manure.

What's more, the new "Pit Pal" from Farmstar, Inc., Glenwood, Minn., is lightweight and easily transported by hand to slip down through slats, or into tight spots.

As an agitator and chopper, the Pit Pal turns entire pits or lagoons into blended slurry ready to pump. It can be moved from place to place to break up heavy buildups and as it agitates, chopper blades chop straw, bedding or any other fibrous residue into a consistency that can be easily handled.

To convert to pumping, you simply flip a lever on the Pit Pal handle without removing unit from the pit. "This fastens the loading hose over the pump so that slurry, which was being agitated or chopped, is forced up the hose," explains Olav Isne, Sales Manager. The Pit Pal primes itself and pumps 700 gal. per hour. It can also be used to prime any centrifugal pump, Isne points out.

The Pit Pal sits just 4 in. off the pit floor. "This feature allows it to break up sludge at the bottom of the pit and to function well in very shallow pits. On the other hand, the telescopic handle extends for use in deep pits," Isne notes.

A hydraulic motor powers the pump. Hoses outfitted with quick couplers run up the length of the handle to hook to tractor hydraulics.

The Pit Pal sells for right at \$1,100. Models are available without pump attachments for use as an agitator only.

For more information, contact: FARM SHOW Followup, Farmstar, Inc., Glenwood, Minn. 56334 (ph 612 634-4554).



New Farmstar Pit Pal, left, chops, agitates and unloads pits or lagoons. It slips through a 20-in. opening.