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## DESIGNED TO TRAVEL AT ROAD SPEEDS

# 5th Wheel Wagon Gear Fits Standard Grain Box

If you're looking for a way to haul grain from field to storage at highway speeds, you'll want to take a look at this fifth wheel trailer designed for center dump grain boxes built by Ray Hart, Webb, Iowa.

The wagon gear consists of an 8-ft. gooseneck and a 14-ft. tandem axle frame that's designed to bolt to each corner of a standard grain box. "By removing the box and mounting a flatbed on the trailer you can also use it to haul machinery, chemicals, water tanks, hay, etc. Lets you make better use of your pickup," says Hart.

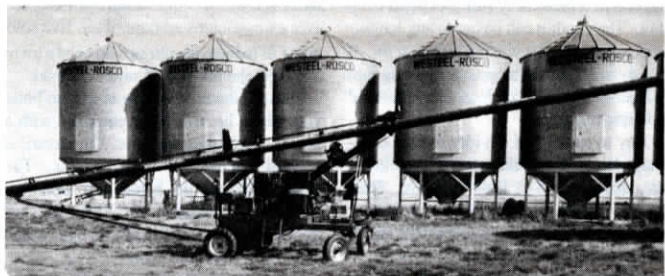
"Normal straight-tongue grain carts can't be pulled at much more than 20 mph, but a fifth wheel grain wagon rides smoothly at

high speeds even with a full load because much of the weight is on the pickup. Side dump grain boxes won't work because the axles are in the way. A 3/4-ton 4-WD pickup can handle it but a 1-ton pickup is ideal."

The tandem axle frame is built from 2 by 8-in. steel tubing, 1/4-in. thick. An extra rail running down the middle of the frame provides added strength. The trailer is designed to handle grain boxes with up to 450 bu. capacity. "Some farmers add sideboards and haul 600 bu.," notes Hart.

Sells for \$7,000.

Contact: FARM SHOW Followup, Ray Hart, Hart Mfg., Box 74, Webb, Iowa 51366 (ph 712 838-4488).



Myrah mounted the 8-in. dia. auger on a Versatile 103 swather.

## MADE A 60-FT. AUGER EASY TO HANDLE

# Self-Propelled Auger Mounts On Old Swather

Canadian Eddy Myrah "self-propelled" his 8-in. dia. auger to make it easy to move around his farm without any help.

The Holdfast, Sask., farmer mounted a 60-ft. long Sakundiak auger on a 103 Versatile swather. "I was at an auction sale and in looking over the machinery, spotted the swather. After examining it I decided it was just what I needed to carry my auger so I bought it for \$900," says Myrah.

He removed the header, engine and all the drives and then added a second castoring wheel on the rear. "It makes a strong, stable frame to carry the auger. Removing the drives left the center rear of the machine clear for the auger to go through."

Myrah fitted the swather frame with a different engine and a hydraulic drive system. "I installed a Ford motor from a 1/2-ton pickup on one side to drive three hydraulic pumps. One is 30 gpm and drives the auger motor. The other two are smaller

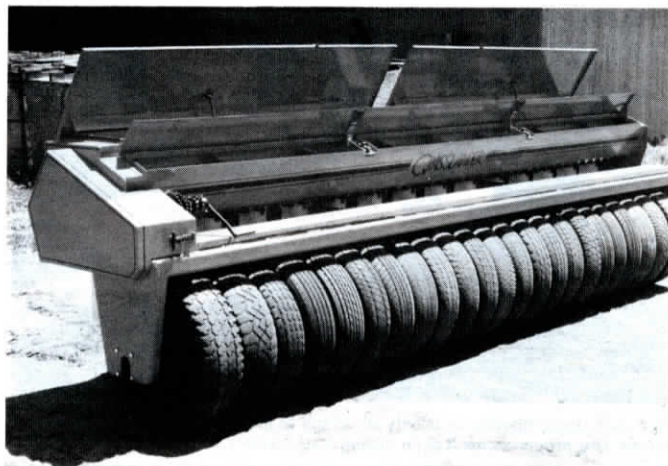
pumps that drive the two hydraulic motors on the wheels and the hydraulic cylinders on the front and rear of auger. On the other side of the swather frame I mounted an oil reservoir, gas tank, seat and hydraulic valves that control everything.

"When traveling forward you sit in the seat. To go backward, you can stand or sit on the gas tank which lets you guide the auger into the bin without having to look behind you.

"I put a hydraulic flow control valve in the line that runs to the auger motor so I can run it at any speed. Running at a slow speed works good when you're shoveling grain in.

"By raising the rear of the auger I can bring the head of the auger almost to the ground. This is great for greasing and servicing the machine.

Contact: FARM SHOW Followup, E.H. Myrah, Box 8, Holdfast, Sask. S0G 2H0 Canada (ph 306 488-4448).



Old tire casings are used to firm soil around the seed.

## WON'T CLOG AND REQUIRES VERY LITTLE MAINTENANCE

# New "Grasslander" Seeder Handles Fluffy, Trashy Seed

"We think it's the most revolutionary grass seeder on the market," says Chuck Grimes of the "Grasslander" packer-seeder he developed and is now manufacturing on his Hennessey, Okla., ranch.

"It'll plant bluestems and other fluffy and trashy seeds without clogging, and is virtually maintenance free, thanks to the old tire casings and simplicity in design which does not include conventional banded disks," says Grimes who feels that banded disks "are a joke. They're expensive to maintain and difficult to tension. They go too deep in soft ground, won't break the crust on hard ground, and plug when it's wet.

"Instead of trying to prepare the seedbed with the seeder, it makes much more sense to plant in a prepared seedbed, or to tow the seeder behind a real tillage tool, such as an offset or tandem disk, to achieve optimum seed-soil contact - without the costly maintenance of banded disks."

The Grasslander broadcasts seed on top of the ground via 5 in. tubes. Used tire casings (there's no air in them) roll the seed shallow - from 0 to 1/4-in. deep. "They firm the soil around the seed, knocking out air pockets and ensuring good soil-to-seed contact to take maximum advantage of

available moisture. With the Grasslander, we can develop a good stand even under marginal moisture conditions," notes Grimes, who served as a Range Conservationist for 8 years before starting his own grass seed and ranching operation in 1971.

A 3-step process provides accurate calibration of the Grasslander in about 30 minutes. "So far we haven't found any seed we couldn't calibrate and meter," says Grimes. "We have sown native and old world bluestems, small grains, alfalfa, lovegrass, native wildflowers, kochia and tall wheatgrass. Flat tires are no problem since the packer tires are always flat and easily float over rocks or other obstacles. A 10 ft. wide seeder will plant up to 12 acres per hour, depending on smoothness of the seedbed."

Available in models from 3 ft. (\$2,700) to 15 ft. (\$7,500) wide. Optional seedbox for seeding legumes and other slick-seeded grasses ranges in cost from \$400 for the smallest Grasslander to \$1,500 for the largest.

Contact: FARM SHOW Followup, Grasslander Seeder, Chuck Grimes, Manufacturer; Rt. 1, Box 56, Hennessey, Okla. 73742 (ph 405 853-2607).

## HANDLES AMERICAN AND METRIC

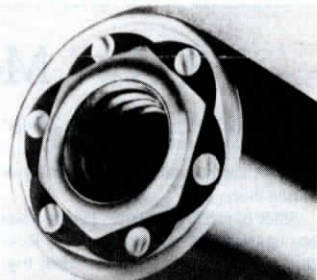
# "Grip Socket" Does It All

How about this - a new all-purpose socket wrench that handles both American and metric bolts, and hex, rounded or badly rusted heads.

Called the "Grip Socket," it features hardened steel pins which firmly grip bolt heads, even those on which the corners are completely rounded off.

"Until now, you've had to maintain two socket sets - one for American and one for metric. The new Grip Socket does it all, and a lot more. It's the only set you need," says Anthony Feld, distributor.

Recommended for use with a ratchet or breaker bar, the Grip Socket is available in sizes from 1/4 in. to 13/16 in. (6 to 21 mm). Trial socket (5/8 in.) is available for \$14.35. For more information, contact: FARM



Hardened steel pins firmly grip bolt heads, even ones with rounded off corners.

SHOW Followup, Feldt Sales, Rt. 1 Box 2, Park, Kan. 67751 (ph 913 673-4280, or 4281).