



Up-front chopper cuts, chops and feeds haylage up into wagon, which has 40 percent more capacity than conventional wagons because material is compacted as it's loaded.

## HIGH SPEED, HIGH CAPACITY

# Self-Loading "Chopper Box" Chops, Hauls Silage

One of the big showstoppers at the recent Wisconsin Farm Progress Days was the new Taarup 1030 "chopper box" that's a combination forage chopper and dump wagon rolled into one.

Manufactured in Denmark, the machine has been sold in Europe and Quebec for several years. It has a 5 ft. 7 in. wide pickup and a star-shaped hay-cutting knife wheel. The rotating pickup feeds windrowed hay to the wheel which forces haylage up through 72 stationary carbon steel knives on its way into the wagon. A chain conveyor moves haylage toward the back of the wagon.

Mogens Nielsen, export manager, field tested and demonstrated three of the machines throughout Wisconsin last summer. "It lets one man chop haylage twice as fast as with a conventional forage harvester and wagon. The wagon has up to 40% more capacity than a comparable size conventional wagon due to greater compaction of haylage. Haylage is compressed from above as it's forced up into the wagon instead of being blown in by a forage harvester. The extra capacity means you make far fewer trips from field to silo. Once the wagon is loaded there's no need to hook it up to another tractor. It rear unloads in two minutes compared to 8 to 15 minutes with a conveyor-unloading wagon.

"It chops haylage in lengths up to 1 1/2 in. long which is better for your cow's digestive system. Works good for bunk silos."

Each of the six banks of knives is equipped

with a spring overload device to protect it from rock damage. If the knives encounter a rock or other obstacle, the entire bank springs forward. After the rock is passed, the bank automatically returns to its original position.

Knife wheel rotates at a slow 71 rpm's compared to 600 to 700 rpm's for knives on a conventional forage harvester. "In field tests we've chopped at 8 mph in very good hay where conventional forage harvesters could only chop at 4 mph," notes Nielsen.

A single lever folds or unfolds side extensions on the wagon. The optimum height at which you fill the wagon depends on haylage moisture content. If it's dry, you can fill the wagon to the top. If it's moist, half way to the top.

From the cab you can raise and lower the pickup, tip the wagon floor at an angle for easier rear unloading, start and stop the conveyors, open and close the tailgate, and monitor the load. A light signals when the wagon is full. The wagon can be equipped with hydraulic brakes. Manual hand brakes are also available.

Sells for \$40,000.

A smaller 4-ton capacity chopper-dump box is available for easier handling and maneuverability in hilly areas. Sells for \$26,000.

For more information, contact: FARM SHOW Followup, Mogens Nielsen, Taarup USA, 2920-3000 Wolf St., Racine, Wis. 53404 (ph 414 633-4929).

## New "Row Independent" Chopper

Taarup also introduced a 2-row chainless "row independent" forage harvester that can run in any direction through corn fields. Rotating blades, beneath the top crop-gathering discs, slice the stalks so the discs can carry them to the feeder auger.

"The row independent design lets you harvest more of the crop in tough conditions without clogging up," says Nielsen. "It's especially effective in heavy weeds and tangled or lodged corn, where the dividers penetrate and lift stalks up to the cutting knives. The ability to harvest across corn rows is great in odd-shaped fields and for opening up fields where you have to harvest rows you've already driven over. There's no greasing because the closed gearbox has permanently lubricated gears."

Sells for \$6,900.

For more information, contact: FARM



You can go any direction through field with new chopper. It's especially effective in down and tangled corn, according to the manufacturer.

SHOW Followup, Mogens Nielsen, Taarup USA, 2920-3000 Wolf St., Racine, Wis. 53404 (ph 414 633-4929).



A pto adaptor shaft bolts to each rear wheel hub to chain-drive the high-clearance rig.

## 6-FT. GROUND CLEARANCE, ADJUSTABLE ROW WIDTH

# Turn Your Pickup Into A High-Rise Sprayer

You'll like the view from this new rig that turns any pickup into a high-rise sprayer with 6 ft. of ground clearance.

Invented by Elmo Meiners, 76-year-old retired president of M&W Gear Co., the high-boy frame is powered directly off the rear wheels of the pickup. Steering, braking and other functions of the pickup still work normally with the truck on top of the frame, which is about 10 ft. wide but adjusts to row spacing of 30 or 48 in. The high-rise pickup has a road speed of 30 mph.

Meiners, who now farms near Anchor, Ill., built the high-clearance rig after pricing self-propelled high-boy sprayers that cost as much as \$40,000. "Most farmers already own pickup sprayers, or can buy them at a reasonable cost. With this rig you can use your pickup sprayer all season long," he says.

Meiners worked with a local machine shop to build the spray-rig, using standard high-boy components when possible and fabricating whatever else he needed. He plans to bring the sprayer on the market next spring. He's negotiating with manufacturers to build it.

It takes about an hour to mount a pickup

on the rig. You drive it up a ramp onto the frame and anchor it with clamps over the axles. Then all four wheels are removed. A splined pto drive shaft on an adaptor plate bolts to each of the rear hubs. They direct-drive pto shafts that chain-drive the rig's large 38-in. rear tractor wheels. The steering system up front fastens with one bolt to tie rods on the high-rise frame. No modification to the pickup is necessary.

Meiners says any 1/2, 3/4 or 1-ton pickup can be used to power the rig. Although it has a high center of gravity, he says the unique pickup high-boy is stable because of the 10-ft. width, which is nearly double the standard width of a pickup. It has plenty of traction, too, with the large rear wheels. The up-front steering wheels are 20 in. in dia. Meiners uses the spray rig with a 60-ft. boom.

In addition to spraying, Meiners has also had a lot of interest in the high-rise frame for detasseling and is working on special attachments for that use.

For more information, contact: FARM SHOW Followup, Elmo Meiners, P.O. Box 126, Anchor, Ill. 61720 (ph 309 723-5731).

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