



Guidance system mounts between tongue of pull-type planter and planter frame.

BRACKETS LET YOU MOUNT GUIDANCE SYSTEM ON TONGUE OF TRAILING PLANTER

He Puts Guidance Systems On Pull-Type Planters

When 3-pt. mounted guidance systems for planters and cultivators started catching on a few years ago, Duane Milton of Milton Farm Supply in Terril, Iowa, looked at them and liked the concept but realized there was no way to use them on pull-type equipment. Instead of forgetting the idea altogether, he decided to find a way to adapt the systems to trailing equipment.

What Milton came up with is a pair of brackets that let him mount any 3-pt. type, pivoting guidance system between the tongue of a pull-type planter and the planter frame.

So far he's built brackets to fit Deere Max-Emerge, Case/IH 800 and 900, and

White 6100 planters. He can custom-fit other makes and models.

He first disconnects the planter tongue from the planter frame and then mounts one of the brackets on the front of the planter and the other on the tongue. The guidance system mounts between the two parts.

Made of heavy steel tubing, the two brackets weigh about 150 lbs. and most guidance systems add an additional 500 to 600 lbs. Milton sells the brackets for about \$600 plus shipping.

For more information, contact: FARM SHOW Followup, Milton Farm Supply, 2765 290th St., Spencer, Iowa 51301 (ph 712 836-2513).

DESIGNED BY FARM WIFE

Earmuffs For Calves

For years Marge Garnier has been trying to deal with the problem of frozen ears on newborn calves. She finally came up with a design for earmuffs that works.

"It gets as cold as 35 to 40 degrees below zero here and newborn calves can quite easily freeze their wet ears. Frozen ears dry up and break off and that's very painful for the calves and spoils their appearance, lowering their value when sold to market. It also spoils them for show if it happens to be a purebred animal," says Garnier.

Last winter she decided to come up with a design for earmuffs that would provide protection. She used polar fleece fabric, making individual muffs that fit over the ears with a strap that runs around the head. A band running around the nose helps hold them in place.

"We slip the muffs on as soon as possible after birth and close them under the head with a velcro strip. They stay on quite well and the mamas don't seem to mind. The babies can still nurse and, after a day or so, the muffs can be taken off. The ears are dry by then and shouldn't freeze.

"As far as I know, there's nothing else like them on the market. I've been selling them locally. I'll sell them by mail for \$5.00



Individual muffs made from polar fleece fabric fit over ears with strap that runs around the head.

apiece plus postage."

Contact: FARM SHOW Followup, Marge Garnier, Box 142, Redvers, Sask. S0C 2H0 Canada (ph 306 452-3810).



Back panel is skidded back and forth across deck of wagon by two steel cables controlled by electric-driven winch mounted under floor of wagon.

BACK PANEL PUSHES BALES OFF FRONT

Self-Unloading Bale Rack

"My Dad built two of them 10 years ago and they've worked so well for us since then that neighbors starting asking us to build them. Demand grew through word of mouth so I've decided to start manufacturing them for sale," says Craig Shoemaker about his electric-powered self-unloading bale wagon that he recently put on public display for the first time at the International Plowing Match in Ontario, Canada.

From a distance, Shoemaker's 8 by 20-ft. wagon looks like any other bale rack, with a wooden deck and high sides made out of 1-in. sq. tubing. What makes it different is that the back panel is skidded back and forth across the deck of the wagon by two steel cables that are controlled by an electric-driven winch mounted under the floor of the wagon.

"When you're filling the wagon in the field, the panel remains at the back of the wagon. But when you unload, it pushes bales forward toward the front of the wagon so all the person unloading has to do is grab a bale and throw it off onto a bale elevator. No need to walk back and forth to the back

of the wagon when unloading. Saves a lot of time and effort," explains Shoemaker.

There's one steel cable on either side of the floor of the wagon. They're threaded through a pair of pulleys at the front of the wagon and two pulleys at the back. The cable winds up on a steel pipe located under the middle of the wagon deck. A 1 1/2 hp. reversible AC motor turns the winch pipe. Depending on which way the pipe turns, the cables pull the back panel of the wagon either forward or back.

"When you get ready to unload, you plug the motor into 110-V AC current. There's a simple on-off switch at the front of the wagon so the person unloading the bales simply flips the switch on momentarily to move more bales forward," says Shoemaker.

The self-unloading wagon sells for \$3,565 (Canadian). The bale rack itself, without undercarriage, sells for \$2,495.

For more information, contact: FARM SHOW Followup, Craig Shoemaker, Shoemaker Fabricating, Rt. 1, Elora, Ontario N0B 1S0 Canada (ph 519 846-2671).



Rolling Flower Bed

This colorful bed of flowers rides in an antique 16-ft. long, 4-ft. wide steel-wheeled wagon that sits in front of the Steve Dahmen farm near Uniontown, Wash.

"People stop by to look at it all the time," says Dahmen. "We grow tulips in it in the spring and then marigolds, petunias, and asters later in the summer. We can

move the wagon anywhere we want. When necessary, we even bring it inside our shed to protect flowers from freezing temperatures."

Contact: FARM SHOW Followup, Steve Dahmen, Box 62, Uniontown, Wash. 99179 (ph 509 229-3369).