Fast-Moving "Bale Bus" Stops Traffic

When Dallas Henry and his sons, Lucas and Denver, load hay with their schoolbus bale loader, people driving by often stop to take photos.

"Truckers love the bus and call it the fastest bale loader in the state," Henry says. "We generally run across the alfalfa field at 15 to 20 mph. The bus is real stable at 9 ft. wide."

The Faulk County, S. Dak. farmer has been featured in FARM SHOW in the past with a 90-ft. floatation sprayer and 5th wheel side dump semi grain trailer he built.

He purchased the modified bus several years ago. It already had the forward gears reversed so that an operator drove and loaded hay facing the back.

"When I was a kid we had a reversed Farmall M, and I loved the principle of the load on the straight front axle and rear steer," he notes.

Henry made several more modifications to make the bus more efficient, loading as many as 1,000 tons of big round bales each year that he sells to dairy farms.

"I added a 2/1 ratio auxiliary transmission to the 4-speed Allison auto to gear it down,

and I added an oil cooler just for the Allison," he explains. "I added a 22 gpm hydraulic pump. I bought an Art's Way loader built in the early 70's; it came off an 850 Versatile tractor. I added the MDS Sur-Lock quick-attach to it and use a modified MDS bale spear with three spears per bale."

He loads up to 3 bales at a time, and with the larger tires he mounted on the bus, he can travel quickly across the field — and over badger holes — to get to the next bales to load. He travels up to 40 mph on the road.

With an automatic transmission it is easy to drive, and the long distance between the operator's seat and the end of the loader eliminates bending and straining to see the bale when loading it high on a truck.

"I like the speed and smooth ride. And my tractors are freed up for haying. The bus is dedicated for loading work," Henry says. As a bonus, with a second seat there's room to give kids a unique bus-riding experience.

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Dallas Henry can load up to 3 round bales at a time with his "bale bus" loader. The bus's forward gears are reversed, so the operator drives and loads hay facing backward.



Fingerweeder spoked wheels mount at an angle to the cultivator shaft, and use flexible fingers to break up small roots on freshly germinated weeds.

Rubber-Fingered "Weeders" Attach To Any Cultivator

You can turn a conventional cultivator into a precision weeder with Fingerweeder spoked wheels. They combine the toughness of steel and the flexibility of rubber to work between the plants.

"The flexible fingers allow the operator to fluff the ground around the plants," says Keith Campbell, Willsie Equipment Sales. "They break up the small white roots on freshly germinated weeds. Without the fingers, the best you can do is throw dirt on the weeds."

Willsie's Fingerweeders mount at an angle to cultivator shafts, driving in toward the plants. Steel spikes mounted to the ground side of the Fingerweeders dig into the dirt and rotate the rubber fingers forward as the cultivator travels through the field.

"They mount on a 2-in. flat bar, easily

fitting square shafts," says Campbell. "Some modification is needed for round shafts."

While the bulk of Willsie's Fingerweeders are purchased by organic farmers, Campbell notes that conventional farmers are once again considering cultivation.

"As growers get into herbicide resistant weeds, cultivation remains one of the few alternatives," he says. "If you do cultivate, the Fingerweeders let you get into the last few inches between the cultivator shank and the plant."

Willsie prices Fingerweeders at \$628 for a set of two.

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The Chainsaws Rule allows you to measure the wood as you cut it. Telescoping rod has 1-in. markings on it and a red aluminum flag at one end.

Measure Firewood As You Cut

Erv Erickson was spending too much time marking logs by hand before cutting them into firewood, so he invented an easy-to-use tool that lets him measure the wood as he cuts it. Now he's ready to market the device.

"It saves a lot of time and energy," says Erickson. "Your wood pile will look a lot more even and nice since all the wood is the same length."

The Chainsaws Rule, as he calls it, is made of lightweight aluminum and designed to snap onto the chainsaw's handlebar at 2 places. It comes in 2 different sizes, which measure wood up to 18 or 30 in. long.

The unit comes with a telescoping rod that has 1-in. markings on it and a red aluminum flag at one end. The rod telescopes in or out by loosening a set screw.

"You just put the flag against the end of the log and start cutting," says Erickson. "The flag is spring loaded so it'll rotate up out of

the way as you cut down into the log, and then spring back out as you go to make the next cut.

"A knob that slides along a slot can be used to mount the Chainsaws Rule on any saw, depending on the angle of the saw's handlebar."

When it's not needed, just collapse the telescoping rod all the way in and rotate the flag up out of the way. "That way you don't have to take the unit off and put it back on each time you use the saw," says Erickson.

The 18-in. model Chainsaws Rule sells for \$39.95 plus S&H; the 30-in. model for \$49.95 plus S&H.

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