



Cart has a 1,500 lb. load capacity but adds only 150 lbs. to back of ATV thanks to its balanced design. It dumps at the press of a button.

“Dump Cart” Turns ATV Into Heavy Hauler

You can turn your ATV into a heavy hauler with this new “dump cart” that has 1,500 lb. load capacity but adds only 150 lbs. to the back of your ATV, thanks to its balanced design. It’s fitted with 20.5 by 8 by 10-in. flotation tires, and axles can be adjusted to any row spacing. It has a grated bottom for dirt filtration and features a 2-in. dia. ball hitch

and electric-over-hydraulic scissors lift that allows dumping at the press of a button.

Suitable for any ATV of 350 c.c.’s or larger. Sells for \$1,300.

Contact: FARM SHOW Followup, Kringstad Ironworks Inc., Hwy. 18, Box 253, Hoople, N. Dak. 58243 (ph 701 894-6280 or 6134; web site www.safe-t-pull.com).

Massey Ferguson Planter Converted To No-Till

When Chester Clark, Ewing, Mo., switched to no-till, he had to come up with a low-cost no-till planter for his small farm. He found the answer by converting a Massey Ferguson 468 planter.

The planter was equipped with double disc openers but had conventional planter shoes that were almost 2 in. wide. He redesigned the shoe so it’s only 1/2 in. wide. Then he shortened the double disc spindle and changed its angle so that the discs open a groove just wide enough to accommodate the 1/2-in. wide shoe. He used 1/8-in. thick sheet metal to make shoe extensions and bolted them to each side of the shoe. The extensions provide attachment points for seed covering and soil compaction devices. The front edge of each shoe extension is beveled slightly. The rear vertical surface of the shoe ends just behind the front two bolts on the frame. A 1/2-in. thick spacer with holes to match the rear frame holes was placed vertically between the shoe extension plates. He also added spacers on both sides between the shoe extension plates and frame plates. The seed drop tube is placed between the frame plates.

The final step was to modify the seed drop



Conventional planter shoe was redesigned so that it’s only 1/2 in. wide. Discs open a groove just wide enough to accommodate the shoe.

tubes or make new ones. In some cases he was able to cut off part of the old tubes and use a rectangular funnel made from thin sheet metal to direct seed into the shoe extensions.

“I think similar modifications could be made to other planter makes and models,” says Clark.

For more information, contact: FARM SHOW Followup, Chester L. Clark, 840 County Road 115, Ewing, Mo. 63440 (ph 573 439-5918).

Electric “Load Spotter” Takes The Guesswork Out Of Unloading Grain

Taking the guesswork out of unloading grain from trucks and wagons is the goal of this new electric eye setup, says Neil Rowe, Rowe Mfg., Gladbrook, Iowa.

The “Load Spotter” consists of an electric eye wired to a light bulb. You place a strip of reflective tape on the side of the truck or wagon. When the electric eye strikes the tape as you pull into the unloading area, the light beam reflects back, closing the circuit and turning on the light bulb to alert the driver.

“It’s much more exact than using colored flags or blocks of wood and much more convenient to use. You don’t have to worry about

using different flags or blocks to account for the difference in wagon sizes and tongue lengths, and it doesn’t matter if you have to switch tractors on the wagons.”

The kit includes two 18 by 2-in. strips of tape. Additional strips can be purchased separately. Rowe says a steel post welded on top of a disc blade can be used to support the electric eye.

Sells for \$349 plus S&H.

Contact: FARM SHOW Followup, Neil Rowe, Rowe Mfg., 1266 Hwy. 96, Box 386, Gladbrook, Iowa 50635 (ph 800 544-4123 or 515 473-2189; fax 515 473-2427).



The “CamTrak” uses a specially-designed color video camera that feeds high clarity images to a cab-mounted monitor.

SPECIALLY-BUILT CAMERA FEEDS HIGH CLARITY IMAGES TO IN-CAB MONITOR

“High Tech” Video Camera Makes Field Work Easier

A new high resolution video system designed for use with big equipment lets you follow a wheel track or furrow marker without having to strain to see it, greatly reducing operator fatigue.

“It lets you focus on your driving without having to look back or off to the side all the time,” says Chuck Campbell, Campbell Sales, North Battleford, Sask.

The “CamTrak” uses a specially-designed color video camera that feeds high clarity images to a cab-mounted color monitor that’s 7 1/4 in. wide, 4 1/2 in. high, and 2 1/4 in. deep. The camera and monitor operate off any 12-volt system and can be quickly transferred between different machines.

“The camera is equipped with a high speed shutter system that takes about 15,000 images per second, which greatly reduces the affect of vibration,” says Campbell. “We tested it last year on air seeders, high clearance sprayers, and combines with great re-

sults. It has unlimited auto focus, allowing you to see objects clearly from 1 in. to 1 1/2 miles away from the camera. The system comes with two camera units, a monitor, and 60 ft. of cable. You can mount a separate set of wires on each implement so you just want to move the cameras and monitor.

“What’s unique about this system is that it gives you clear pictures on moving field equipment. Conventional video could not handle the constant vibration, monitor the grain tank, or focus on the unloading auger.

“You can move the camera units anywhere. For example, on a combine you might want to use them to monitor the grain tank or focus on the unloading auger.”

Sells for \$4,000 (Canadian).

Contact: FARM SHOW Followup, Campbell Sales, Box 1476, North Battleford, Sask., Canada S9A 3W1 (ph 888 891-9929 or 306 445-0305).



Mounted 1 ft. apart on the header, bolt-on “Grain Lifter Guards” consist of half-moon-shaped pieces designed to run 1/2 to 1 in. below the cutterbar.

Crop-Lifting Attachments Save Lodged Crops

These new rigid crop-lifting attachments for combines and swathers do a better job of lifting lodged crops than the flexible plastic fingers sold by other manufacturers, says Ben Groening, of Groening Industries, who introduced the attachments at the recent Fargo (N. Dak.) Farm Show.

Mounted 1 ft. apart on the header, the bolt-on “Grain Lifter Guards” consist of 18-in. long, 4 1/2-in. high half-moon-shaped pieces of 1/4-in. thick mild steel with half-moon undercut. They’re designed to run 1/2 to 1-in. below the cutterbar.

“The size gives grain enough time to be

lifted up and cut and the undercut clears dirt and trash with a gradual flow,” Groening says. “The rigid design doesn’t plug up like flexible lifters. They mount easily, in a few minutes, and are ideal for lodged cereal crops, peas and lentils.”

They sell for \$9 apiece (U.S.).

Contact: FARM SHOW Followup, Groening Industries Ltd., Box 291, 224 Railway Ave., Treherne, Manitoba, Canada R0G 2V0 (ph 888 866-4203 or 204 723-2079; fax 2874; E-mail hp://www.groening@treherne.com).