

Bale cradle mounts on pickup bed. To unload, drive backward and then hit brakes. Cradle rolls back and tips over back edge of pickup. Pull forward to clear bales.

WORKS MECHANICALLY WITHOUT HYDRAULIC OR ELECTRIC POWER

“Poor Man’s” Bale Mover

“It lets you unload two bales at a time without hydraulic or electric power and costs far less than other pickup-mounted bale movers,” says Greg Horton, inventor of a new “poor man’s bale mover”.

A rolling bale cradle mounts on the pickup bed. Three rollers support the carriage which is made from 3 by 5 by 1/4-in. angle iron and 2 by 2-in. steel tubing. The carriage is free to move 30 in. forward or back. Bales are loaded with a front-end loader or 3-pt. bale spear onto the cradle. To unload, you drive backward and then hit the brakes. The cradle rolls back and tips over the back edge of the pickup. You then pull the pickup forward to clear the bales. Once the bales are unloaded, you slide the cradle forward by hand back into the bed of the truck.

“Other pickup-mounted bale movers cost up to \$3,000 or more,” says Horton. “Ours sells for \$495. It works great for small farmers who don’t have a lot of hay and can’t afford more expensive bale movers. It fits half ton or larger pickups.”

The cradle is held in place by a cable that connects to one of the side rails until you’re ready to unload. Two men can remove the cradle by hand from the pickup bed when not in use, or it can be removed with a front-end loader.

Build-it-yourself plans are also available. For more information, contact: FARM SHOW Followup, Agrifab Industries, Rt. 2, Box 188, Bolivar, Mo. 65613 (ph 417 326-7922).

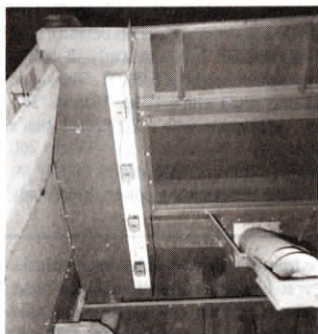
LED LIGHTS IN CAB SHOW GRAIN LEVEL IN HOPPER

Inexpensive New Combine Bin Monitor

This first-of-its-kind bin monitor uses LED lights in sequence to show you how much grain is in your combine hopper, according to manufacturer Ron Rodvelt, Shawnee Mission, Kan.

The “BinWatch” consists of a “strip” of electronic sensors that mount in the hopper and a programmable control box that mounts in the cab. As grain level in the hopper rises or falls, the sensors at each level send signals to the control box which activates LED lights in sequence. The control box can be programmed so that when the sensors detect either an empty or full bin, an audio alarm is sounded at 30 second intervals and the LED lights flash on and off.

“It’s a low-cost way to let you watch your combine hopper fill up without having to look back into it. You can estimate how many bushels are in the hopper by how many lights are on,” says Rodvelt. “We offer models equipped with 1, 4, or 8 sensors and can custom make them with up to 16 sensors. The more sensors, the more accurately you can determine how much grain is in the hopper. Sensors can also be mounted in storage bins or in large air planter hoppers to monitor seed level. The

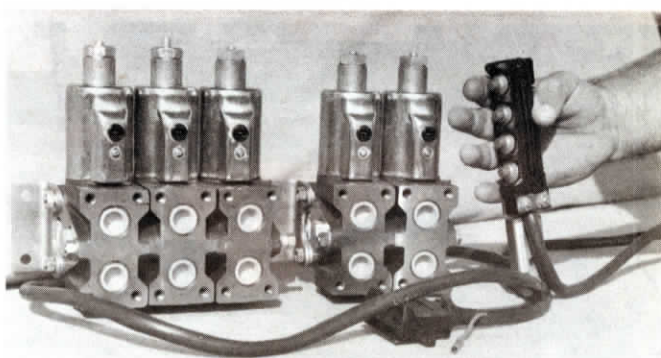


“Strip” of electronic sensors mount in the hopper. As grain level in hopper rises or falls, sensors at each level activate LED lights in sequence in cab.

system is relatively inexpensive because it uses a commonly available single chip microcontroller in the control box and off-the-shelf sensors.”

A single-sensor monitor sells for \$75, a 4-sensor monitor sells for \$125, and an 8-sensor monitor sells for \$175.

Contact: FARM SHOW Followup, Rodvelt Agritronics, Box 14543, Shawnee Mission, Kan. 66215 (ph 913 338-1629).



New push button controlled hydraulic outlet “multiplier” lets you run up to five hydraulic circuits from a single set of outlets.

CONTROLS SLIP ONTO TRACTOR HYDRAULIC LEVER FOR ONE-HAND OPERATION

New “Push Button” Hydraulic Multiplier

New push button controlled hydraulic outlet “multiplier” lets you run up to five hydraulic circuits from a single set of outlets using a push-button control that slips over your tractor’s existing hydraulic lever.

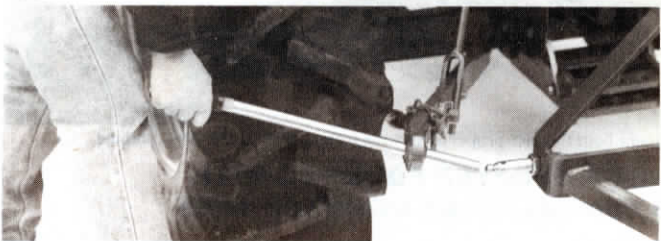
The V & M add-on outlet system plugs directly into any standard set of hydraulic outlets. You decide which circuit to use by pressing a button and then use the hydraulic lever to manually control it.

“Most other add-on hydraulic systems require use of a separate set of switches and levers,” says Lee Chedester, sales representative. “Another big benefit of our system is that you can mount the hydraulic multiplier valve bank directly on your front-end loader, bale wagon, swather, disk, seed drills, air seeder or any other implement that has multiple hydraulic requirements. All you need is one set of hydraulic hoses running from the tractor to the valve bank. Eliminates the need for a lot of long hoses. All you

have is an electric cable that runs to the push-button control. Most other add-on hydraulic systems restrict flow of hydraulic fluid to 7 or 8 gpm. Our system uses up to 18 gpm flow. Works great for operating a front-end loader and grapple fork where normally you’d need three hydraulic levers to operate the boom, bucket, and fork. The slip-on push button controls let you use one lever to perform all three operations. An optional latching button is available on the control handle for operating orbit motors.”

The hydraulic outlet multiplier can be used with either open-center or closed-center hydraulic systems. It can be used on almost any make of tractor, and can be switched easily from one tractor to another.

A 3-valve bank sells for \$925. Contact: FARM SHOW Followup, V & M Dist., Inc., 700 E. 50th St. North, Sioux Falls, S. Dak. 57104 (ph toll-free 1 800 648-6507 or 605 332-2481)



The 3-pt. tool consists of leverage bar and special pins that mount on implement.

FAST, NO-HASSLE HITCH-UPS

New 3-Pt. Hookup Tool

“Makes hitching up to any 3-pt. implement fast and easy,” says Bill Howatt, inventor and manufacturer of a new 3-pt. alignment tool that solves the problem of trying to line up hitch arms and hitch pins.

It consists of a leverage bar - made out of cold-rolled steel - that has a hollow point and special pins that mount on the implement. The pins each have a small ball on the end that fit snugly into the leverage bar. To hitch up, slip the bar through the hitch arm and over the head of the pin. Then use the bar to work the hitch arm over onto the pin.

“Lets you easily hook up with one arm. No need to back the tractor up perfectly,” says Howatt, who’s already had tremendous success with the simple new tool, marketing it through several nationally-known mail order companies including PDQ Parts, Central Tractor, and others.

The tool for Cat I hitches sells for \$29.95 (includes 2 pins). The tool for Cat II hitches sells for \$39.95.

Contact: FARM SHOW Followup, W.D. Howatt Enterprises, 125 Pleasantdale Rd., Rutland, Mass. 01543 (ph 508 886-6434).