

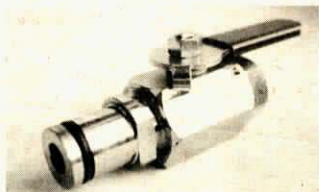
**FEATURES FULL FLOW  
AT ALL TIMES**

## New-Style Hydraulic Replacement Coupler

"We got tired of buying new couplers all the time," says Frank Knapp, Mineral Point, Wis., who designed and built his own coupler and standardized all his equipment to them. They've worked so well he's now manufacturing and marketing his "Couple-Eze" coupler.

It features a revolutionary "full flow" ball valve design which allows minimal pressure drop and produces faster machinery response. Knapp notes that there is no heat buildup, less wear and tear on internal parts, and the coupler can be easily serviced if ever there is a problem.

"When the tractor hydraulic system is in the float position, the full-flow feature of the coupler allows the hydraulic system to quickly relax. The coupler is also easy to couple and uncouple, even under a load. It will not break away or quick disconnect

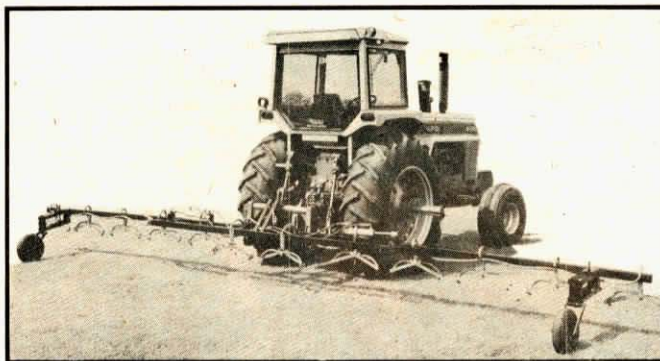


**New coupler produces faster machinery response, says Knapp.**

while the hydraulic pressure is on," says Knapp.

Both 1/2-in. and 3/4-in. couplers are available. The female 1/2-in. coupler sells for \$38.69, and the male end for \$28.79, plus postage.

For more information, contact: FARM SHOW Followup, Frank Knapp, Hydraulic Coupling Co., Box 289, Mineral Point, Wis. 53565 (ph 608 987-2822).



"Bandit" applies a 15 in. band over the row.

**BY AS MUCH AS 50%**

## "Bandit" Cuts Chemical Costs

"Banding can save you up to 50% on chemical costs over broadcasting since you're not wasting chemical on the area between rows," says Brian Carr, operations manager for Almaco, Nevada, Iowa, manufacturing of the "Bandit" spray banding system.

The Bandit applies chemicals in a 15 in. band, 7 1/2 in. on each side of the plant row, so the area directly next to the crop is sprayed, but leaves the area between the bands unsprayed.

Carr points out that the 'Y'-shaped banding units have 3 fan-type nozzles — one spray directly over the plant row, and one on each side of center which sprays in towards the row.

The banding units mount on a 2 by 3 in. tubular steel beam and attach with U-bolts for easy adjustment for different width rows.

The wings have a specially designed clevis hinge system which

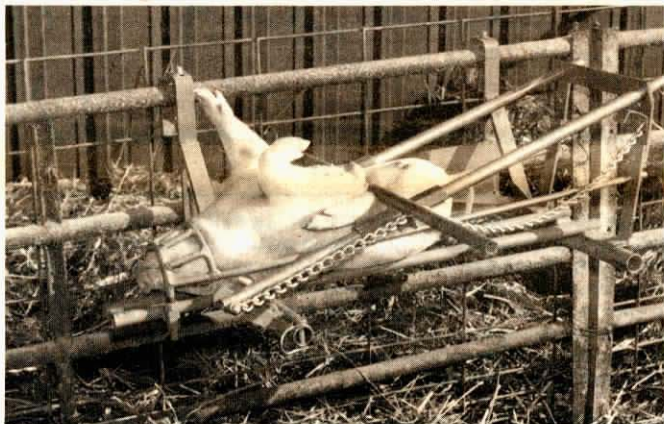
allows them to float and keep the proper ground clearance on slopes from -30 to +20°. The wings fold hydraulically for road transport.

Each wing rides on a spring-loaded gauge wheel to keep the shock out of the spray boom. Gauge wheel height is adjustable from 22 to 30 in. and the banding units height is also adjustable.

The Bandit can be mounted on the tractor's 3-pt., belly mounted, or on the front of the tractor. Your tractor-mounted spray tanks and accompanying pump can be used with the boom.

Models are available in 12-row narrow (30 in.) and 8 row (narrow and wide). The 12-row sells for \$1,895.

For more information, contact: FARM SHOW Followup, Almaco, Box 296, 99 M Ave., Nevada, Iowa 50201 (ph 515 382-3506).



Metal bar holds hog's back legs against its stomach.

**MAKES IT EASY TO WORK ON HOGS**

## Pigs Can't Squeal In "Upside Down" Holder

Hogs are held upside down for one-person castrating, vaccinating and other operations with the new PH 200 from Pride of the Farm, Waterloo, Iowa.

Holding hogs upside down on their backs is safer, easier and cleaner for the operator. Also, it creates less strain on the hog since it can't fight or squeal, the manufacturer points out.

Model PH 200 handles hogs from 10 to 80 lbs., has adjustable brackets that slip over the pen or fence rail, and sells for \$120. A smaller model PH 100 is for hogs 2 to 14 days old and sells for \$90.

For more information, contact: FARM SHOW Followup, Pride of the Farm, P.O. Box 1921, Waterloo, Iowa

50704 (ph toll free 800 553-1791; in Iowa, call 800 772-2029).



When done, hog is flipped to land safely on all four feet.

## Hydraulic Primer For Manure, Water Pumps

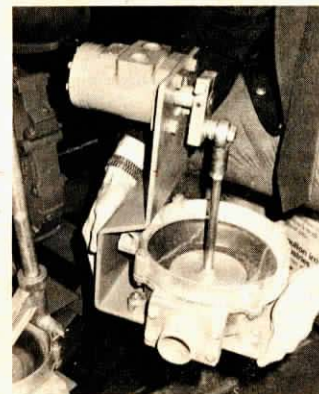
Say goodbye to the sweat and agony of hand priming centrifugal manure and water pumps with the just-introduced hydraulic primer from Moulton Industries, Somerset, Wis.

The unit replaces existing hand primers and uses tractor or auxiliary hydraulics to prime the pump. "Often times, there are small air leaks in the system that are tough to overcome when hand priming," explains Don Mueller, marketing director for the company.

"Our new hydraulic primer overcomes the small air leaks, allowing you to prime even the most stubborn pump in a minute or less!"

The primer can be used with most water and manure pumps, and attaches in place of the hand primer. The hydraulic unit retrofits to replace most hand primers. It can also be used as a small pump with an approximate 75 gpm output.

Sells for \$550.



**New unit eliminates hand primers.**

For more information, contact: FARM SHOW Followup, Moulton Irrigation Industries, Inc., Somerset, Wis. 54025 (ph 715 247-3321).