

## “Quick Hinge” Kit Helps Hang Gate On Post

Hanging a gate on a wooden post and keeping it adjusted correctly is easy with this quick hinge kit invented by Ohio farmer Jeff Debevoise.

“It eliminates the need to drill into the post and if you need to raise the gate later due to snow or mud, you just loosen the clamps and raise them,” says Debevoise.

He built the hinges by making a “saddle” out of 2-in. wide strips of 10-ga. steel bent over a 7-in. dia. pipe in a vise. The straps consist of 7-in. dia. hose clamps cut in half and opened up, hooking each end through slots in the saddle. A 2-in. hinge pin made from 5/8-in. dia. round stock attaches to the saddle. The gate simply fits over the pin. Two 1-in. long 1/4-in. dia. lag screws go through the saddle into the post.

To hang a gate, you install the bottom unit at the desired unit. Then set the gate on the bottom hinge. Then prop up the other end of the gate on blocks to align the top pin and tighten down the top hinge clamp.

“Lets you install gates in remote locations without the need for power equipment and it holds as solid as any other gate hinge I’ve seen,” says Debevoise.

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“Saddles” are made out of 2-in. wide strips of 10-ga. steel pipe and straps are 7-in. dia. hose clamps.



Design eliminates the need to drill holes into the post.



A pair of sliding wooden doors on each side of the trailer are raised to let hogs in or out.

## 3-Pt. Mounted Hog Mover Doubles As A Cargo Carrier

“My 3-pt. hog carrier is built with a removable endgate that lets me also use it to carry supplies and equipment around the farm,” says Leonard Seltzer, Manhattan, Ill.

The carrier measures 7 ft. 3 in. wide, 4 ft. deep, and has 3 ft. 2 in. high sides. It has corn crib panel sides and a wooden floor made from 1 by 8 and 1 by 10-in. oak boards spaced 3/4 in. apart to allow manure and water to drop through. It mounts on the 3-pt. hitch. Seltzer used 4-in. channel iron to build the main frame, 2-in. angle iron to make the front corner posts, and 2 by 3-in. angle iron to make the rear corner posts, and schedule 40, 1-in. outside dia. steel pipes to support the fence panels. The entire back side of the carrier can be lifted off by simply removing two 3/8-in. dia. bolts at each corner. A pair of sliding wooden doors, one on each side, are raised up to let hogs in or out.

“It works great for moving hogs from one farm to another and for washing them down to disinfect them before unloading them into my barn,” says Seltzer. “By removing the endgate I can use the carrier to haul barrels, hay bales, sacks of feed, etc. I spent about \$350 to build it. Most commercial carriers



Removable endgate lets Seltzer haul supplies and equipment around his farm.

are equipped with a diamond steel plate floor and sell for \$800 or more. Another advantage is that the 7-ft. 3-in. wide carrier stays inside the tractor’s rear tires, making it less likely to snag on something. Most commercial hog carriers are 8 ft. wide.”

Plans are available.

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## Mini-Dairy Lets You Package Your Own Milk, Butter

A new mini-dairy from Israel makes it possible for small and mid-size dairy producers to process and package their own milk, butter, cheese and yogurt.

Pladot’s “Mini-Dairy” is just being introduced in the U.S. It’s been approved by the USDA and meets all standards of the Food and Drug Administration.

“We’ve got about 250 systems out in some 25 countries around the world including one farmer in Pennsylvania,” says Bob Turner, the company’s U.S. sales manager. “This system offers a lot of opportunity for profit.”

Economically feasible for 40-cow herds and up, the mini-dairy equipment includes a pasteurizer, cream separator, butter churn, cooling and holding tanks (110 gals. and up) and a cup filling and sealing machine.

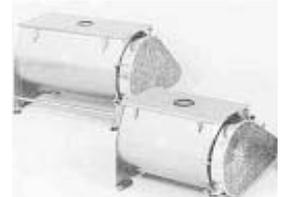
The equipment is small enough to fit in an 800 to 1,200 sq. ft. room, depending on capacity. The smallest set-up processes about 2,000 lbs. of milk a day. Package costs range from \$85,000 to \$120,000, with payback expected in two to three years for most farmers who can receive up to \$10 more per hundred-weight for their milk, according to the company.

Price of the system includes installation and a week of training in Israel, Turner notes.

Contact: FARM SHOW Followup, Bob Turner, P.O. Box 4595, Gettysburg, Pa. 17305 (ph 717 338-0671; Email: turner@mail.cvn.net). You can also visit Pladot’s website at: [www.pladot.co.il](http://www.pladot.co.il).



Cooling tank capacities start at 110-gals.



Butter churns start at about 3 1/2 gals.



Cup filling, sealing machines start at 1,500 cups per hour.

## Powdered Soap Made From Corn

“It works better than any other pumice-type hand-cleaning soap on the market,” says Richard Layden about his new “industrial strength” powdered soap that’s made with about 60 percent corn. The corn is ground up and mixed with borax, lanolin, and other ingredients.

“Corn Soap” is sold in 16-oz. plastic bottles with holes in the top so you can pour the soap out like salt in a shaker. It’s ideal for cleaning up greasy hands and can also be used as a laundry soap, says Layden.

Layden says the soap has no phosphates and can be used in either hot or cold water. “It removes dirt, grease, and grime from clothing without leaving sludge or film in the wash basin. It also deodorizes and neutralizes fish and hog odors. And although it’ll wash off almost anything, it’s mild on your hands.”

Sells for \$1.50 per bottle plus S&H.



“Industrial strength” soap is about 60 percent corn, mixed with borax, lanolin and other ingredients.

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Layden makes a full range of “corn” products, including corn photos, hats, plates, pens, mailboxes, etc.