



Jacob Blank of Gap, Penn., offers a complete line of modern farm equipment designed for use with horses. Shown above is a 5-tine single-horse cultivator.

## “Fresh From The Factory” Horse-Drawn Farm Equipment

Farming with horses doesn't mean farming with antique farm equipment. I & J Manufacturing, Gap, Penn., offers a complete line of modern farm equipment designed for use with horses, including rotary rakes and hay tedders, cultivators with spring-tine chisels or a variety of shovels, a tool cart with 3-pt. hitch and pto power carts with 44 or 52 hp gas engines.

“We have shipped equipment to Norway, France, Germany and even to Australia,” says owner Jake Blank. “Most of our customers are Amish or have some contact with them, and most are small farmers.”

I & J has been making horse-drawn equipment since 1986 and has 70 dealers in the United States and two in Ontario, Canada. Most carts and implements are available with steel wheels or optional rubber tires. While some of the smaller items are kept in stock, most equipment is assembled to order and requires 3 to 4 weeks turnaround time. Prices do not include shipping.

### Rotary Rake

Available with pto or ground drive, the rotary rake has a fully enclosed oil bath gearbox and folds to 62 by 105 in. for transport. Unfolded, it sweeps a 9 1/2-ft. swath clean, turning hay over and fluffing it without roping. The trailing pto version has an optional 8 hp engine.

### Rotary Tedder

The pto-driven rotary tedders come in 9 and 14-ft. models with standard pull-type

hitches on both. An optional Honda engine is available for use when pulling the tedder behind a tool cart.

### Garden Tool Kit

Hooked to a fore cart, the garden tool cart with its 3-pt. hitch can be used with a potato digger, spring tine harrow, or a single share plow. Levers allow the operator to raise the tool off the ground as well as adjust working depth.

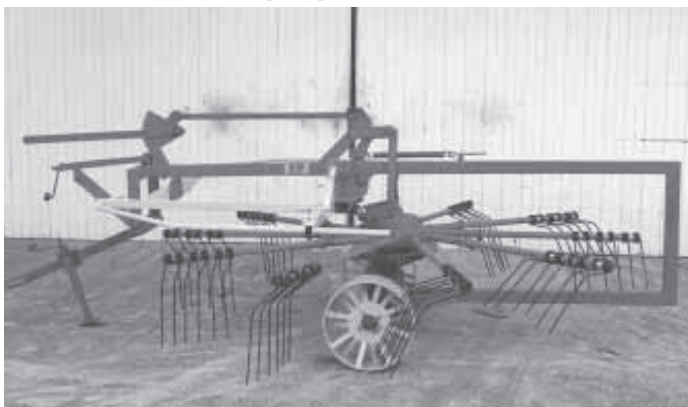
### Draft Row Crop And Garden Cultivators

I & J cultivators come in all sizes. Garden-size units include simple walk-behind 3-tine cultivators to 5-tine single-horse units with optional packer rollers. Row-crop field cultivators vary from 1 to 4-row units with 4 shovel options, disk hillers, adjustable row shields and optional additional tines for field tillage. A gravity feed liquid fertilizer side dress accessory is available with 25 and 50-gal. poly tanks.

### Precision Mowers

I & J mowers offer a working width of 7 ft. The Pittmanless gear allows the bar to cut in any position. The mowers are available in 3-pt hitch or trailing style, with a pto or optional mounted gasoline engine powering the cutting bar.

Contact: FARM SHOW Followup Jacob Blank, 5302 Amish Road, Gap, Penn. 17527 (ph 717-442-9451 – 8:45 to 9:00 AM weekdays).



Rotary rake is available with pto or ground drive.



Jacks bolt to bin rings and can be adjusted for 32, 39 or 44-ring heights.

## Grain Bin Jacking System Allows One-Man Construction

Wes Bainter, Hoxie, Kansas, developed a one-man hydraulic bin-jacking system to raise bins one ring at a time. While he's been selling the system for several years, he recently received three patents protecting the various aspects of the system.

It requires no electricity or outside power. Rather, it relies on a self-contained hydraulic system powered by a Honda gas engine. Two engine sizes are available. The smaller 5.5 hp engine will handle up to 10 jacks, while the larger 11 hp engine will power 48 jacks.

Bainter's jacks, which bolt to the bin rings, feature a 16-in. hydraulic cylinder and a 3-stage lifting sequence. The jacks can be adjusted easily for 32, 39 or 44-in. ring heights.

“One master control raises all jacks at the same time, evenly and equally, so the bin goes straight up,” he says.

His system can be expanded by adding more jacks. It can raise any bin, from the smallest farm sized unit to 105-ft. diameter commercial round bins.

To complement the bin jacking system, Bainter also designed a center pole with center ring support and a rolling stairway to make it easier to construct bin roofs. The stairway features a large landing for safety while working and can be expanded in 5-ft.



One master control raises all jacks at the same time, evenly and equally, so bin goes straight up.

increments to handle up to 105-ft. dia. bins.

Bainter's small power unit sells for \$3,000. The large power unit is \$8,000. Each jack is \$1,100, and the smallest (36 ft. diameter bin) center pole with center ring support and stairway system is just \$2,000. In most farm bin applications, he recommends one jack for every two wall panels. That's six jacks on a 36-ft. bin or eight on a 48-ft. bin.

Contact: FARM SHOW Followup, Wes Bainter, Bainter Construction Services, L.L.C., P.O. Box 705, Hoxie, Kansas 67740 (ph 785 675-3297; fax 785 675-3649; Website: www.bainterconstruction.com).

## “Bloodless” Castrator Works Fast, Easy

“We think it's the fastest and easiest-to-use castrator on the market,” says the manufacturer, InoSol, El Centro, Calif., about the new “Band-It” bloodless castrator.

The Band-It lets you raise beef or dairy calves as late-castrated bulls. With animals standing in a chute, the tool is used to loop and tie surgical latex tubing tight around the scrotum, just above the testicles. Blood circulation is stopped immediately.

The tool can be used with one hand. It's made from stainless steel and comes with pre-assembled clips and bands that are ready to use. You place the tool in your left hand and place the clip into a slot on the tool. The band is held between the first and second fingers. Pull the stretched tubing around the scrotum and lock it down into the corner of a “T” slot on the clip. Then release the clip from the tool.

“It takes only about 10 seconds to apply,” says Stephen Fairbanks.

Sells for \$29. The bands come in packages of 25 and sell for \$21.25 per package.

Contact: FARM SHOW Followup, InoSol, 1774 Citrus Lane, El Centro, Calif. 92243



“Band-It” bloodless castrator can be used with one hand.



Tool is used to loop and tie surgical latex tubing tight around scrotum, just above testicles.

(ph 800 847-2533 or 760 337-9244; Website: www.inosol.com).