



15 by 24-ft. mobile coop is built from 2 1/2-in. square tubing and can handle up to 240 broilers at a time.

Hoop Coop Keeps Pastured Birds Safe

Nathan Henderson's hoop coop is easy to build and keeps his pastured broilers safe from predators as well as 70 mph winds. Henderson and his farming partners raise organic poultry, pastured pork, and grass-fed beef on Reber Rock Farm. Products are marketed in the farm store and from their website with home delivery nationwide every week. He first shared the design details and pictures of the 15 by 24-ft. mobile coop with fellow American Pastured Poultry Association (APPA) members.

"The size and shape have done very well," says Henderson. "We live in a mountain valley and get nasty winds every season, and the hoop coops have never moved. A hot line around the perimeter deters predators, and we can hang 50 gals. of water from the purlins without a problem."

Design details include 2 1/2-in. square steel tubing as a base, 1 3/8-in. top rail for tubing and purlins, plus wiggle wire braces to hold the roll-up sides. He uses retainers on a flatbed wagon for bending the hoops.

"I splurged for wiggle wire channel to hold down the tarp and affix the end walls and roll-up sides," says Henderson. "We have a local quarry that gave me a roll of used belting that I used for the flap to cover the front and rear gaps."

Henderson covers the hoops with white tarp and shade cloth. He uses closed-end walls to extend the season.

"They let us put the chicks out in late April and not finish the last batch until November," says Henderson. "Cold and wind prevention



Coops are built to withstand winds up to 70 mph.

is as important to us as shade and airflow in the summer."

Henderson designed the hoop coops to handle 240 broilers. Two of them let him handle batches of 480 broilers at a time.

"We may build a single coop in the future for the 500-bird batch size," he says.

Henderson recommends the design but suggests a few points to consider before building your own. "What batch size works for you and your processor?" he asks. "Do you prefer welding or drill and bolt construction? Do you have a press, a drill press, a bender, etc.? Do you have experience building greenhouses or a neighbor who does?"

For more pastured poultry coop designs, visit the APPA website (www.appa.org).

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Tire mount mineral feeders, hay feeders, grain and silage feeders and water tanks are some of the products made from recycled tires.

Recycling Tires Into New Uses

Pennsylvania-based Leiden Land and Cattle Company found a unique way to recycle heavy industrial tires and put them to work in different ways on farms across the country.

The family-owned company developed products with different types of radials and bias ply tires from big earth movers. They can also custom-design specialty tire products to meet specific customer needs.

Their product list is quite extensive.

For example, their tire mount mineral feeder has a removable 15-gal. tub mounted on a rubber base. It's durable because it's built of heavy 1 1/4 schedule 40 pipe.

It also has a galvanized center on a rubber roof to keep the weather out and won't injure any animals because the feeder has no sharp

edges. It comes with multiple fly bullets to help eliminate face flies.

The feeder doesn't have to stay in one place, which cuts down on compaction. The feeder comes with a durable tow chain making it easier to move.

The company's other tire-based products include hay feeders, grain and silage feeders, water tanks, scrapers, and plows. For information on costs, call the company directly.

Contact: FARM SHOW Followup, Leiden Land and Cattle Company, Inc., 525 Maple Road, Coalport, Penn. 16627 (ph 814-672-5374; sales@LeidenLandandCattle.com; www.leidenlandandcattle.com).



Skid steer cab is offset with a side access cab and a side boom.

One-Armed Skid Steer Has Side Door

JCB North America has a new and unique take on the skid steer loader. It's not like any skid steer you've ever seen.

The first noticeable difference is not climbing over the bucket or attachments to reach the seat. There's a door on the side.

The second difference is there's only one arm attached to the bucket instead of two.

JCB's range of seven skid steers has about 60 percent better visibility than the conventional twin-arm machines because there's less to block sight lines.

The lower boom profile on the large platform makes it easier for the driver to see in all directions. It's also easier to see the quick hitch in front and the tracks or wheels on the sides.

As you sit in the driver's seat, the door is to your left, while the single arm is attached to the right side of the machine.

Gary Hauseman is the location sales manager for Hooper, Inc. in Intercourse, Penn. They sell JCB Machines, and he says they're designed for excellent balance with

one boom.

"The cab is offset," Hauseman says. "Plus, the boom has added strength built in to compensate for the stress on one side of the machine."

A large cross-member of the chassis increases the overall strength and supports the Powerboom with either a standard mechanical or optional quick-powered hitch.

The JCB skid steers come with a 74-hp. engine, and its fuel tank is mounted on the inside loader tower for maximum protection and equipped with an accessible drain port.

The cooling system is a little different than traditional skid steers. The JCB engine will pull cool air in from above and push the hot air out through the sides of the machine and away from the operator, a handy benefit during the hot summer months.

Contact: FARM SHOW Followup, Gary Hauseman, Hooper Inc., 3452 Old Philadelphia Pike, Intercourse, Penn. 17534 (ph 717-768-8231; gauseman@hooper.com; www.hooper.com).



Transport is straightforward as the independent cutters hydraulically fold toward the hitch reducing the overall unit size to 9 ft. in width.

Large Hay Mower Transports Easily

For farmers that need to cut more hay in less time, Vermeer offers the pto-driven TM1210 trailed disk mower.

With an 18-ft. cutting width, the 1210 makes quick work of any field.

"The biggest feature for the 1210 is speed and horsepower as there's no conditioner on the rear," says Colby Bishop, speaking as a distributor and current Forage Territory Manager for Vermeer Canada. "You need less horsepower and still cut an 18-ft. width laying down the hay right behind the cutter bar."

For optimal mowing, the 1210 uses two independent shaft-driven Q3 cutter bars, which work in combination with a nitrogen-charged accumulator suspension to adjust for various crop sizes and conditions. The system allows an operator to establish a setting and hydraulically charge the mower to match each use.

Key features of the cutter include a quick-clip disk blade changeout process and easy shear ring replacement. Top access to the disks and covers makes servicing stress free.

"The two independent cutter bars follow the lay of the land," Bishop says. "It can go

over a hill, and one cutter bar will come down around it while the other stays on top. Or, if it's cutting through a draw, it will fold up and position evenly."

Vermeer's newly designed 2-point Quick Hitch makes hook-up easy and provides more ground clearance to avoid obstructions in the field. Standard tires are 31 by 13.5-15-in. but large 480/45 by 17-in. float tires are also an available option.

Transport is straightforward as the independent cutters hydraulically fold toward the hitch reducing the overall unit size to 9 ft. in width.

The TM1210 is available throughout North America and is normally priced at around \$70,000 USD.

Bishop recommends interested customers find their local dealer on the Vermeer website to gather information.

Contact: FARM SHOW Followup, Colby Bishop, Vermeer Canada, 9616 40th St. Southeast, Calgary, Alberta, Canada T2C 2P3 (ph 403-216-1160; www.vermeer.com).