

Converted goat trailer features storage for feed and tack, and room for 4 to 5 goats.



Trailer Converted To Portable Goat Shed

Navy veteran Kris Bodenhafer found a new use for a broken-down horse trailer that was headed to the dump. After acquiring the 1980's 2-horse trailer, he decided to use it to feed, house and transport his goats.

He first tore the trailer down to its frame and then rebuilt it.

"I was able to take scrap material from the local fire department that had just used some metal containers to create training buildings. This corrugated material worked great to add strength."

Throughout the rebuild, he modified its functionality to better suit goats.

"I converted the front manger area for storage of goat tack and feed. It closes off the main compartment to keep the goats from trying to jump out, as goats are little escape artists."

The project cost Bodenhafer around \$400 for the trailer and \$100 for the title. He figures the value of the free materials he used to rebuild it was at least \$2000.

The converted trailer can easily transport

4 to 5 goats with enough room for feed and tack. Bodenhafer uses it a few times per year for American Dairy Goat Association (ADGA) and 4-H shows, but its best use is as a "drive-by" breeding service to bring buck studs to does at neighboring farms.

"I added features like external hitching points to make it easier to handle one goat at a time while tying the others off outside of the trailer," he says.

For anyone starting a do-it-yourself project, Bodenhafer recommends looking for free materials. "I posted on community social media pages to see if anyone had scrap material they wanted to get rid of. Most landfills charge a fee per pound to get rid of materials. I was able to help the local fire department avoid paying to get rid of their materials. Best of all, I saved myself from having to purchase sheet metal."

Contact: FARM SHOW Followup, Kris Bodenhafer (ph 619-890-3651; www.harbor-acres.com).



Porta-Coops are available to handle anywhere from 5 to 60 layer hens and are made from powder-coated steel with a UV-resistant tarp covering.

Nifty Line Of Portable Coops

Pine View Sales LLC makes and distributes simple, secure mobile pens designed to keep chickens and other small animals safe on pasture.

Made entirely from powder-coated steel, the Porta-Coop's metal netting is welded right to the frame. They're covered with UV-resistant tarp material that keeps things comfortable inside. Explains Miller, "These tarps ensure that inside the coops it feels like being under a shade tree, not a tin roof."

Each Porta-Coop acts as a permanent home for the flock, with ample room for foraging. Every few days, you can move the coop to give the birds fresh pasture to explore.

Porta-Coops come with human-sized doors that allow you to get inside without stooping over. They are also designed for easy mobility. When you pick up the handle,

the coop's flat-free wheels will automatically move down so you can push it like a wheelbarrow across the pasture.

Porta-Coop sizes range from a 5-hen capacity to models large enough for 60 layers or 90 meat birds. Prices start at around \$1,300 but can vary based on shipping requirements. The coops arrive disassembled but are simple enough for one person to put together. "Assembly is a one-person job - there are only about 25 bolts to put in," says Miller.

You can buy Porta-Coops directly from the company website or through its network of distributors across the United States. The company is looking for new dealers.

Contact: FARM SHOW Followup, Norman Miller (ph 330-600-5722; rtstone@mac.com; www.porta-coop.com).



The Rizer Hammer fits over a traditional hammer claw and elevates the point of contact between the nail and hammer, making it easier to pull nails.

Rizer Tool Makes Removing Nails Easy

The Rizer Hammer Helper, winner of a national tool competition, is designed to help remove nails easily and efficiently.

To use, simply slide the harness over the hammer claw, allowing the nail-attracting magnet to point towards the nail. Once it's in place, insert the nail head into the claw and pull back. This will remove the nail with half the effort otherwise needed and presents a lower risk of creating indent damage from the hammerhead. Explains inventor John Hoback, "The Rizer elevates the point of contact between the nail and hammer where the 'real' muscle of the job is done."

It also makes working with a hammer more accessible to those with physical limitations.

The Rizer Hammer Helper can even be used one-handed by setting a nail with the Rizer magnetic nail holder and then removing it to finish pounding it in place with a hammer.

Beyond pulling and placing nails, the Rizer Hammer Helper boasts many other uses. Some use it as a pivot point to more easily lift heavy items such as cabinets and appliances or for finding nails in sheetrock.

You can purchase the Rizer Hammer Helper through Amazon and eBay. Prices range from \$10 to \$20.

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Metal roof panels of 26-ga. stone coated steel measuring 3 ft. by 20 in. feature an acrylic base coat and have the same stone granules used in asphalt shingles.

This Metal Roofing Looks Like Shingles

Many businesses and farmers are transitioning from traditional asphalt shingles to metal roofing but some people don't like the look, says Jason Lamers, Boral Roofing.

The California roofing company manufactures a full line of metal panels coated with an acrylic base coat covered with the same stone granules you'd see on an asphalt shingle.

Most finished panels measure 3-ft. long by 20-in. high.

"All the variations are made with 26-ga. metal. What's nice about them being pressed panels is we can emulate what other traditional products look like with a low profile."

Options include a Granite-Ridge, weathered Pine-Crest wood shake, Cottage shingle, Pacific Tile and a traditional Spanish style Barrel-Vault tile.

Panels are installed with screws through the nose sealing into the acrylic base coat. As they're a pressed panel, they don't get the expansion and contraction of typical panels due to their increased flexibility. Sealant is used around fasteners, chimneys or where two panels come together on a seam.

"Most of the metals are installed in such a way that you don't need to seal them," Lamers explains. "Almost every detail with

our products, whether it's a rake, alley, trim around a chimney or skylight, everything's being installed with the methodology of a step flashing. Water cascades down and isn't able to get behind the panels."

Repairs on damaged roof areas are easy as screws are removed releasing the desired panels to make way for replacements.

Lamers says many of their customers are farmers installing metal panels on their barns and houses. They are also used on churches and halls. Buyers value the metal roofing longevity in comparison to traditional asphalt shingles.

Prices depend heavily on roof complexity, steepness and location, but range from \$375 to \$475 a square (100 square ft.) including S&H. With labor included, prices range from \$950 to \$1150 a square.

Boral Roofing also features step-by-step DIY installation videos on its website.

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