

Tool Rack accommodates up to 4 long-handled tools and attaches to the toolbar with cam latches. It can be mounted horizontally or vertically. Each tool is secured with rubber clamps.



## ROPS-Mount Toolbar System

Artillian, LLC, West Boylston, Mass. recently introduced a new ROPS-mount or bed-mount toolbar system for tractors, zero-turn mowers and UTVs.

The system is modular, allowing you to easily add or remove attachments. All the attachments mount on a 42-in. wide toolbar that attaches with mounting plates to the back side of the ROPS. The plates are adjustable for different styles of ROPS. Each attachment has 2 built-in cam lever latches allowing you to quickly attach, move or remove them without tools.

Their scabbard-style chainsaw holder comes with a spring-loaded clamp and secures chainsaws with bar lengths 14 in. or longer. A fuel can holder has space for a maul or sledgehammer, and cut-outs for tree-cutting wedges. A 5-gal. bucket holder is available, as well as a cooler with cup holders and bottle opener.

An open top tool basket carries hitch pins, chains, tools, and other items. Two different sizes are available, one with an internal tray.

A ROPS tool rack that accommodates up to 4 long-handled tools attaches to the toolbar with cam latches, and can be mounted in a horizontal or vertical configuration. Each tool is secured with rubber clamps that pull to tighten and secure the tool in place.

The 42-in. wide toolbar sells for \$89. Attachments range from \$13 to \$169.



Various toolboxes, holders and options for buckets, coolers and other tools are available with the system.

The company also offers a UTV bed-mount toolbar/rack system for Kawasaki and Kubota UTV's. A single tool rack sells for \$99. A full bed rack can be created, allowing you to carry ladders and so forth and any of the company's ROPS-mounted toolbar attachments. It sells for \$747.

Also available is a wall-mount toolbar for your garage or workshop to store the attachments.

Contact: FARM SHOW Followup, Artillian, LLC, Manufacturing Facility, 70 Hartwell St., West Boylston, Mass. 01583 (ph 508 459-4394; sales@artillian.com; www.artillian.com).



The EZ Load Chute can be picked up by the arms on a common bale bed and hauled to where it is needed.

## Easy-To-Move "Bale Bed" Cattle Chute

When Terry Kudlock needs to haul cattle from one pasture to another, his EZ Load Chute makes it fast and easy. A fourth generation South Dakota rancher, Kudlock hauls cattle to pastures up to 50 miles from his home base. He sees wheeled chutes as just another problem waiting to happen, from flat tires to bad bearings, often having to be towed at reduced speeds. Using his bale bed, he can pick up his chute and go at road speed.

"Wheeled chutes are more expensive and slower to move," says Kudlock. "Our EZ Load Chute can be picked up by a common bale bed and hauled to where it is needed. It's faster to move and faster to set up. Set it down on its legs and it's ready to go."

Kudlock and his son Brandon worked on the bale bed chute for close to 3 years. The chute is built to handle the stress of moving from one location to another, as well as the stress of loading large cattle. The undercarriage and legs are made from Schedule 40 steel tubing. The frame is all 1/4-in. tubing, and the floor is wood with steel cleats. A pin system for bale bed arms to grab is easily adjustable to match the arms. Likewise, the legs are adjustable to match the height of the livestock truck or trailer bed being loaded.

"We went with wood because it is quieter and less costly," says Kudlock. "The solid



Chute's legs are adjustable to match the height of your truck or trailer bed.

sides prevent cattle from seeing people alongside. Over the years on the ranch, we have seen what works and incorporated that into the chute."

The chute is designed for simplicity and ease of use, adds Kudlock. "We're cattlemen," he says. "We made it the way we wanted to be able to use it."

Kudlock and his son are marketing the EZ Load Chute from their ranch. They have it priced at \$3,500.

Contact: FARM SHOW Followup, EZ Load Chute, 10605 3V Rd., Belle Fourche, S. Dak. 57717 (ph 605 210-0813 or 605 892-5866; belleriveroutfitters@gmail.com; www.ezloadchute.com).

## Rebuilt Antique Sawmill Leads To Solar-Powered Kiln

Rich Vogelsang and his son Michael spent most of last year rebuilding an antique sawmill. Once that project was done, they built a solar-powered kiln that allows them to dry their cut wood fast.

"I use the wood cut by the mill to build furniture for local customers," says Rich. "The mill was probably built in the early 1900s and came with a wooden carriage, which rides back and forth to deliver logs to a 48-in. dia. blade. The mill was sitting in some overgrown brush when I bought it, with a couple of 6-in. dia. trees growing up through the main carriage assembly. The wooden track had rotted away, so we made a new track by merging the frames off a pair of old 1 1/2-ton dually pickups - a 1935 Ford and a 1937 Chevrolet. We also built a new steel carriage."

He says the sawmill had changed hands and been modified many times over the years. "It originally came with a 30-in. dia. blade and was designed to be powered by a Model A car transmission. The owner

replaced the transmission with the flat belt off an older tractor, and later another owner used his tractor pto. We still pto-drive the blade, but we added a hydraulic motor with a directional control valve to move the carriage back and forth. The motor drives a drum with cable hooked up to one end of the carriage. We kept the flat belt pulley on the mill just for looks."

To anchor the track, they filled cardboard tubes with cement and sank them 4 ft. deep in the ground.

Their solar-powered kiln is also unique. Made mostly from recycled material, it measures 12 ft. long by 7 ft. deep and 12 ft. tall, with big sliding doors on one side. Some 2 by 6's from an old corn crib were used to build the frame, and the siding is from an old barn. The south-facing roof is pitched at a 45-degree angle and covered with clear polycarbonate sheeting, while the interior is painted black to absorb the sunlight. The walls and floor have 6 in. of insulation. A couple of fans circulate the heated air.

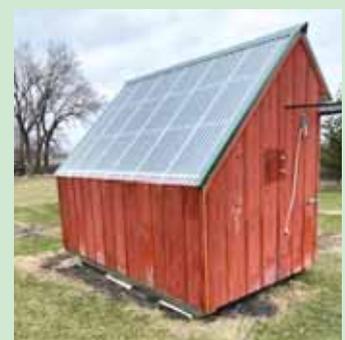


Carriage on antique sawmill rides back and forth, delivering logs to a 48-in. dia. blade. Solar-powered kiln dries cut wood fast.

The kiln's short north-facing roof is made from recycled tin. "There are two intake vents under the eave, and 4 small trap door vents below the sliding doors which allow air to escape," explains Rich.

They used the kiln for the first time this spring to store pallets loaded with sawmill-cut boards. "It heats up fast. One day the outside temperature was in the mid 50s, but inside it was 114 degrees," says Rich.

The only new material they bought was



plywood for the floor and the polycarbonate sheeting. They used blemished red oak lumber to build a 10-ft. wide pallet for hauling boards into the kiln. "The loaded pallet is heavy and tipsy, so we have to drive our skid loader very carefully," notes Rich.

Contact: FARM SHOW Followup, Rich Vogelsang, 5101 200<sup>th</sup> Ave., Wells, Minn. 56097 (ph 507 317-2358; sharichv@bevcomm.net).