

## Bale Elevator “Scaffold” Works Great For Re-Roofing Barn

When Mel Meister of West Point, Neb., had trouble finding a contractor to re-roof his 40-ft. high barn roof, he decided he might as well figure out how to do the job himself. The key to getting the job done was converting an old 60-ft. Deere bale elevator into a low-cost scaffold.

Meister used 1-in. steel pipe to make a hand rail that runs up one side of the elevator. At the top of the elevator he attached a 12 by 4-ft. safety fence made by mounting hog paneling inside a steel pipe frame. The fence panel provides a safe 12-ft. area where Meister can sit or stand without fear of falling. And he can carry tin and other supplies up the elevator.

The elevator is raised and lowered by a hydraulic motor winch.

“I have been re-roofing one 10-ft. wide section of the barn at a time,” says Meister. “The barn roof has an upper section which I’m re-roofing now, and a lower section. For the lower section I plan to attach a scaffold to the side of the barn for its entire length and use a ladder to access it.”

Contact: FARM SHOW Followup, Mel Meister, 1241 D Road, West Point, Neb. 68788 (ph 402 372-2680; E-mail: dm85921@navix.net).



Elevator has a 12 by 4-ft. safety fence at the top, providing a safe area where Meister can sit or stand without fear of falling.



Strap is ideal for hauling plywood, sheetrock, and even large mattresses.

## “Strap Carrier” Makes It Easy To Carry Plywood, Mattresses

Carrying plywood, sheetrock and any size mattress is easy with this new strap carrier invented by John Fields of Wasco, Oregon.

The back-saving device is made of flat, tangle-free webbing material arranged in a long loop, with two colored cross straps.

“It makes carrying large flat loads much easier and reduces the possibility of back injury and muscle strain,” says Fields. “The webbing hugs both sides which helps distribute the weight evenly. You can lift a load with one hand and steady it with the other. No more bending and twisting to maneuver stairs, narrow hallways and doorways.”

Fields makes and sells the straps. One model adjusts to fit everything from a single sheet of plywood up to a 15-in. thick pillow top mattress. Sells for \$19.95. Another model is designed strictly for mattresses up to 12 in. thick. It sells for \$14.95.



A bale carrier is also available for handling two small square bales at a time.

Fields also makes a bale carrier for handling two small square bales.

Contact: FARM SHOW Followup, John or Nancy Fields, 75960 Hwy. 97, Wasco, Oregon 97065 (ph 888 645-6716; Website: www.ez-sling.com).



Roger Foster and his wood-burning hot water furnace. Water is heated by the fire and then travels to a 200-gal. reservoir where it circulates through 120 ft. of copper pipe.

## Wood-Burning Hot Water Furnace Heats Entire House

This home-built hot water furnace has served Roger Foster well for several years. Overall length is 5 ft. long. The firebox will take up to a 3-ft. log and it’s 2 ft. wide. There’s a water jacket on the top and sides of the fire box which holds 2 1/2 in. of water. Water is heated by the fire and then travels to a 200-gal. reservoir where it circulates through 120 ft. of 1-in. copper pipe. Heated water in the pipe transfers its heat to the water in the reservoir. Then the heated water in the

reservoir circulates to the rooms and radiators.

An “aquastat” controls the flow of hot water. It turns on the circulating pump when water temperature reaches 180 degrees.

The furnace has both natural draft and a fan-forced draft. The forced draft is only used to get the fire started.

Contact: FARM SHOW Followup, Roger Foster, RR1, Box 108, Tower Hill, Ill. 62671 (ph 217 567-3417).

## Waterer, Feeder For Small Animals

John Frank, Beaverton, Ore., designed a water fountain that can be taken apart and cleaned quickly. He started with a couple of 12-in. stainless steel bowls. In the bottom of one, he put in a floatless shut-off valve, plumbed to a 1/2-in. water line, which runs up through a 12-in. diameter pvc pipe in the ground. The bowl fits down in the pipe and animals can’t dislodge it. The pvc pipe can be cut as long as necessary to have the waterer at the right height for the animals. Frank puts electric strip heaters and a thermostat control inside the pvc pipe to keep the water from freezing.

In the top bowl, holes are punched in specific locations to allow debris to collect in the bowl, while allowing water to sieve through when the bowl is lifted out for cleaning. This bowl sits inside the permanent one. The valve keeps the bowls from overflowing, but allows water to flow in as fast as animals can drink.

They’re simple to clean. “If dirt or feed” get into the water bowl, all you have to do is take the top bowl out and dump it,” Frank says.

“These work fine for goats, sheep, llamas, and other small animals, but they don’t hold enough water for horses or cattle,” he says.

Frank also devised a simple feeder. “It’s a 6-in. pvc pipe, cut in half, with the ends closed up,” he explains. “It hangs above the mangers on a sliding bracket. We can fill it from outside the pens and then slide it in so the animals in that area are all fed at once. This keeps them from fighting over feed,”



Water bowl rests in the top of 12-in. dia. PVC pipe that’s set in the ground.



Feeder is made from 6-in. PVC pipe, cut in half with the ends closed up. It hangs above mangers on a shelf that slides into pen.

he explains.

Contact: FARM SHOW Follow up, John Frank, 22750 SW Rosedale Road, Beaverton, Oregon 97007 (ph 503649-2128; Website: www.alpacatv.com.).