



Cattle guard made of 90 20-in. tires costs less to build than conventional.

## “Tire Tread” Cattle Guards

Joe Gillmore is in the tire recycling business, so it's only natural that he's always looking for new ways to use old tires. His latest project is a 10 1/2-ft. long, 5-ft. wide, 12-in. deep cattle guard that he made from old truck tires.

“It cost far less to build than a conventional cattle guard and I didn't have to pour any concrete to install it,” says Gillmore. “It's made up of about ninety 20-in. tires.”

Gillmore cut the tread into 4-in. wide strips and stacked them in layers about 4 in. apart. Then he air-nailed the strips together. He installed the cattle guard in a 12-in. deep

hole with a layer of rocks in the bottom to allow water to drain out.

“Each strip is 1 to 1 1/2 in. thick so it took about 10 layers to make it 12 in. deep. One disadvantage is that it weighs well over a ton. My front-end loader had all it could handle to lift it.”

Gillmore custom builds tire cattle guards for \$300 to \$400.

Contact: FARM SHOW Followup, Gillmore Tire Recycling, 473 Dubuque Road, Springville, Iowa 52336 (ph 319 854-6903).



Dolly keeps weight distributed evenly on implement tongues over rough terrain.

## Tongue Dolly For Folding Implements

“We've wanted to pull a folding drill behind our field cultivator for a long time, but we were concerned about breaking or twisting the tongue because of the weight placed on it when transported, particularly across uneven terrain,” says Hunter, Okla., farmer Wilferd Toews about a self-leveling “tongue dolly” he and his son, Curtis, built last winter.

Built to fit any folding implement with a 6 in. sq. tongue, such as Deere and Great Plains drills without dolly wheels, the tongue dolly is designed to provide support and keep weight distributed evenly.

Attached at the mid-point on the tongue

with a bolt-on universal clamp, it features two high flotation 11L by 15-in. tires. They mount on a wheel assembly with hinged arms and castering axles. A 3 1/2-in. hydraulic cylinder on each arm is controlled by a compensating valve to keep pressure even on the tongue as wheels move up or down on rugged terrain. The design allows wheels to travel up and down 12 in. independently.

When not in use, the wheels simply raise up hydraulically and swing out of the way. Sells for \$3,650.

Contact: FARM SHOW Followup, BRAMCO Inc., 513 N. Main, Fairview, Okla. 73737 (ph 405 227-2345; fax 3851).

## “Stubble Cutter” Features 30-Ft. Cutterbar

“You can cut a 30-ft. swath travelling at speeds of up to 15 mph,” says Al Muchka about the big “Stubble Cutter” he invented to cut down tall wheat stubble in spring. He pulls it behind his pickup.

Muchka, Acme, Alberta, cuts 24-in. tall wheat stubble down to 6 to 8 in. before planting small grains with his air seeder.

The Stubble Cutter, which can be adapted to cut hay, consists of a 30-ft. cutter bar made up of two 15-ft. sickles mounted in a frame made of sq. tubing. It rides on four 12-in. caster wheels with rubber suspension.

Muchka controls the cutter bar from the cab of his 3/4-ton Dodge diesel pickup. An 11 gpm hydraulic pump installs on the engine and electric/hydraulic valves control cutting height and speed.

A single, center-mounted wobble box drives the cutter bar.

“At 15 mph, we can do up to 32 acres per hour,” Muchka says. “We've gone through wild oats 6 ft. tall at about 6 mph with no problem.”

Muchka's Stubble Cutter sells for \$11,500 (Canadian).



Holding tank keeps dead animals out of sight and out of mind.

## Dead Animal Holding Tank

“Rendering trucks no longer go into hog producers' yards for fear of spreading disease from farm to farm, so many producers now drag their dead animals to the road where the rendering driver picks them up off a pile. This practice is unsanitary and presents a bad image for producers,” says Greg Depuydt of Budget Metal Fab., Inc., who's designed a dead animal storage tank to solve the problem.

“It keeps dead animals out of sight and out of the minds of 'neighbors'”. These attractive tanks are designed so the producer loads from the back and the rendering driver

unloads from the front so the foot traffic doesn't even cross. They're equipped with plastic lids and the entire front hinges down for easy unloading. The bottom of the tank is sloped to the unloading side so corpses pull out easily.

“The tank is large enough to accept a full-size sow and there's a drain plug in the bottom for easy cleaning. It's built heavy to last for years,” says Depuydt.

Sells For \$478.

Contact: FARM SHOW Followup, Budget Metal Fab., Inc., Rt. 2, Box 151, North Mankato, Minn. 56003 (ph 507 947-3922).



One man can pick up, wrap, and lay down a bale in 35 seconds using this machine.

## Self-Propelled Bale Wrapper

“The only problem is, we can't build them fast enough,” says William E. Ramer about the speedy, self-propelled round bale wrapper his company builds.

The Corry Roll-Off is powered by an industrial Briggs and Stratton 5 hp, 1,400-hour engine, coupled to a Barnes two-stage hydraulic pump. There's a single 12-in. drive wheel in front and a control box in front of it runs the machine.

The machine's adjustable lift arm picks up bales and places them on the table where they're wrapped with a double speed wrapping mechanism before being tipped gently back onto the ground.

“It takes one operator only 35 seconds to complete the operation, then move on to the next bale, walking beside the machine,” Ramer notes.

The machine is capable of lifting 2,800

lbs. It has a tongue for towing behind any 1/2-ton pickup. A rear, 3,500-lb. capacity, bridge axle fitted with 10-in. flotation tires allows towing at highway speeds to the next field.

Basic unit sells for \$13,800. Optional Vanguard or Honda 9 hp., 2,100-hour engine, plus Halogen headlight for night operation, is \$600 extra.

The 300C is also available in limited quantities with square bale-wrapping capability.

A new unit with seat, called the 300C Easy Rider, will be in full production next season.

Contact: FARM SHOW Followup, William E. Ramer & Sons, Rt. 1, Box 189, Kittaning, Pa. 16201 (ph 412 548-2317; fax 4284).

Although Muchka says many farmers would prefer a double-cut bar for tall straw, the single-bar design makes it ideal to adapt to hay. He's just introduced a newly modified version of the cutter, built especially for hay.

To adapt it to hay, the machine's two front wheels are moved back behind the cutter bar to keep from running down too much hay.

A second wobble box is added to keep the machine from plugging in heavy hay.

Price of the hay cutter hadn't been determined at press time.

Contact: FARM SHOW Followup, Al



Stubble Cutter has two 15-ft. sickles mounted in its frame.

Muchka, Acme Industries, R.R. 1, Acme, Alberta, Canada TOM OAO (ph 403 546-2423; fax 2620).