

Circular Saw Kit Mounts On Chain Saw

Chain saws make powerful circular saws with four times as much power and safety features you don't get with an ordinary power saw, according to Noah Coblentz, manufacturer of a new conversion kit for chain saws.

Coblentz came up with the idea as a way to get more use out of his chain saw, which he only used once a year to cut up a few cords of firewood. He now uses it as a powerful wood cutter and also cuts steel with it using an abrasive cut-off wheel. In addition, he can fit it with a masonry wheel, he says. "It's the handiest tool I've found for cutting cement blocks, bricks or building stones because it's got so much power," says Coblentz.

His kit is designed to fit all inboard clutch chain saws on the market. In most cases, it simply slides onto the regular splined clutch. An alternative clutch drum is supplied for other models.

"The add-on components are built much heavier than ordinary circular saws with super heavy-duty aluminum castings, roller



and ball bearings, driveshafts, and carbon steel gears. The table is 1/4-in. thick polished aluminum.

"The best part is that it eliminates the need for an electric cord. If you're working in a remote area, you don't need a generator."

Contact: FARM SHOW Followup, Noah Coblentz, Canadian Circular Saws, Rt. 4, Aylmer, Ontario N5H 2R3 Canada.

3-Pt. Mounted Round Bale "Opener"

This new round bale "opener" is a simple and economical way to cut open a big round bale, says the Minnesota inventor.

"The Sword", as it's called by Laurel Henderson, Sauk Centre, is a 5-ft. long, 2 1/2-ft. high steel plate angled to a point at one end. It attaches to your tractor's 3-pt. hitch or front-end loader and is designed to cut only the bottom half of the bale open. You lower the blade and push it through the bottom half of each bale. You can cut open as many bales as needed and leave them there because the top half of the bale isn't cut through and still has the same weather protection as before. The loose hay bale can then be handled with a bale spear or grapple fork and easily moved anywhere.

Henderson came up with the idea because he wanted to grind hay in a tub grinder that was designed for loose hay only. "I think it would also work great for dairy farmers who want to feed round bales in the barn. They can use a pitchfork to move the loose hay around," says Henderson, who patented "The Sword".



About four bales end to end are needed to keep the bale that's being cut open from sliding.

Sells for \$379 to \$489 depending on model.

Contact: Sauk Centre Welding and Machine, Junction I-94 and Hwy 71 and 28, Sauk Centre, Minn. 56378 (ph 612 352-5239).

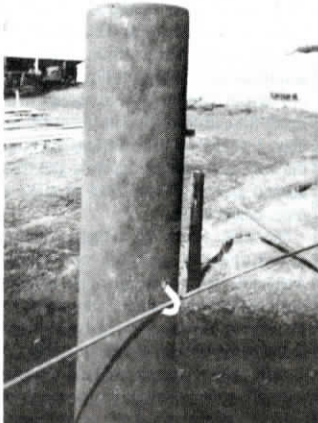
"Best Fence Post Money Can Buy"

They're calling it "the best fence post money can buy." It's DuraPost, an all-purpose, maintenance-free fence post made of recycled plastic.

Backed by a lifetime warranty, DuraPost is guaranteed not to rot, rust, decay, split or be damaged by insects as long as it's in the ground. "You can drive staples into the post which, for electric fence, is self-insulating," says Mike Harris, sales manager. "Staples hold better than in wood and rarely pull out, even in wet, freezing weather. Because DuraPost flexes above the ground, it won't work its way loose like a steel or wood post. This eliminates labor and money spent on fence maintenance.

"When an animal pushes against a Durapost, it flexes and then automatically straightens itself. Because of its flexible strength, DuraPost isn't recommended for use as a corner post or brace post. In freezing weather, it becomes less flexible and more rigid, but it's still very difficult to break, Harris points out.

Comparable in price to similar length wood or steel posts, heavyweight DuraPosts (2-1/4 in. dia.) are available in 6, 7, 8, 9, and 10-



ft. lengths. DuraPosts are also available in medium weight (1-3/4 in. dia.) and light weight (1-3/8 in. dia.) sizes.

For more information, contact: FARM SHOW Followup, DuraPost, P. O. Box 366, Greshman, Ore. 97030 (ph 800 676-4091).



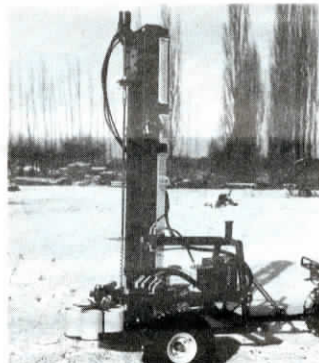
Oil Drifter For Irrigation Pumps

Two Colorado farmers who irrigate with groundwater pulled up by turbine pumps say they've come up with a new drip oil tank that'll provide a more steady, even flow of oil to pumps.

"It eliminates problems with uneven flow because the larger volume of oil - 11 gal. versus 1 or 2 gal. that most drippers hold - provides a more constant flow rate to pump bearings. It also allows sediment to settle out into a cone at the bottom of the tank so it doesn't get into the pump," says Keith Sagehorn.

Sells for \$112.60.

Contact: FARM SHOW Followup, Magnum Manufacturing, 16966 CR 45, Holyoke, Colo. 80734 (ph 303 854-3199 or 3770).



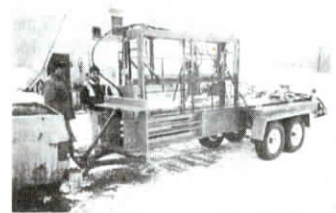
"World's Best" Soil Sampler

"It's as close to a dream machine as we could possibly make it," says Marvin Kauffman, Albany, Oregon, about his new state-of-the-art soil sampling machine that'll take 5 to 6-ft. core samples in any kind of weather on most any kind of terrain.

The self-contained unit pulls behind an ATV or can be operated remotely without getting off the ATV or out of the truck.

Kauffman is a soil scientist who has been taking soil samples for 14 years and his design grew out of his own need. Once built, he found a market selling other agricultural experts around the country.

It consists of a tall mast mounted on a pair of flotation tires with a rotating carousel at the base that's equipped with 6 sample collectors. "The sample collecting carousel is designed to let you use an auger rather than a probe, although you can still use probes or the carousel can be removed to allow the use of tube sampling devices. The cone through which the auger passes as it enters the soil eliminates surface soil falling into the hole and contaminating the subsurface samples. An optional swing hitch allows the back of the sampler to swing in a 36-



Do-It-Yourself Hay Compactor

You can build a hay compactor that will turn two small square bales into a single bale using detailed plans developed by two Canadians.

Pat Rapko of Rapko Machine in Lockport, Manitoba, and Jim Lintott with the Eastern Grasslands Society designed the compactor and built a prototype with funding from Manitoba Agriculture. It's 25 ft. long, weighs 8,000 lbs. and runs off pto-powered hydraulics. Requires a 60 to 70 hp. tractor to do the work of compactors that the builders say would cost \$100,000 to \$200,000. If you don't want to build your own, Rapko builds the compactor for about \$32,000 (Canadian). Contact: FARM SHOW Followup, Rapko Machine, Lockport, Manitoba, Canada (ph 204 757-2220).

For a copy of the plans, contact: FARM SHOW Followup, Fraser Stewart, Manitoba Agriculture, Box 50, Beausejour, Manitoba R0E 0C0 Canada (ph 204 268-1411).



Window Ventilator

Inventor Robert Birt developed a neat window ventilator that lets him keep a car or pickup window partially open — without letting in flies, mosquitoes or intruders.

Dubbed "the fly and skeeter cheater," the ventilator is made of two layers of screen — a lightweight screen to keep out insects and a heavier tamper-resistant screen to discourage would-be intruders. For manually operated door locks, an adjustable arm swings down to hold the lock in the locked position.

"The ventilator comes in real handy if your dog is along for the ride on a hot day. He can be secured inside the cab with the doors locked and a window left half open for ventilation, yet locked and screened to deter insects and intruders," explains Birt. He's patented his invention and is exploring alternatives for producing it commercially.

Contact: FARM SHOW Followup, Robert Birt, Box 34, Ruthven, Iowa 51358 (ph 712 837-4419).

to 40-in. arc," says Kauffman, noting that his pickup-mounted model, which mounts at the rear of the bed, has a lateral movement of 24 to 30 in. so samples can be taken across the top of a ridge without moving the pickup.

The sampler is powered by an 8-hp. gas motor that drives a piston hydraulic pump. It folds down for transport.

Contact: FARM SHOW Followup, Marvin D. Kauffman, 35178 Balboa Pl. S.E., Albany, Ore. 97321 (ph 503 926-8973).