

## Portable 12-Volt Air Compressor

This new heavy-duty 12-volt portable air compressor works great for filling tires, cleaning out radiators, and many other jobs. It's lightweight enough that you can easily carry it around but has a lot more power than other mini compressors.

The "12-Voltair" compressor is enclosed inside a 21 1/2-in. long steel box with a handle on top. It weighs 38 lbs. A 12-volt, 1/4 hp high torque DC motor powered by a car or pickup battery direct-drives the single cylinder pump. Includes 16 ft. of coiled air hose equipped with a tire air chuck and 9 ft. of electric wire with battery clamps.

"It has an oil-less compressor for low maintenance and is 100% duty cycled so you can run it 24 hours a day if you want to with no problems," says Dennis Goertzen. "The minimum hour life of the motor and pump is 2,000 hours so you can run it for a long time. The unit delivers .7 cfm's at 100 psi and 1.3 cfm's at 40 psi. You can use it to inflate a 225/75R16 tire at 45 psi or inflate a 3-gal.



**Compressor is oil-less for low maintenance and is 100 percent duty cycled so you could run it for 24 hours a day with no problems, if necessary.**

tank at 100 psi in only 3 minutes and 20 seconds."

Sells for \$550 plus S&H.

Contact: FARM SHOW Followup, Voltair Inc., 1109 Road B, Henderson, Neb. 68371 (ph and fax 402 723-4985; Website: <http://www.12-Voltair.com>)



**Spring-loaded equalizer allows cleaning head to be guided by the ditch walls and gives the operator a 15 in. lateral drift and 8 in. vertical free movement.**

## New-Style Ditching Machine Cleans Ditches Fast

Cleaning concrete lined ditches has never been quicker than with this new-style 3-pt.-mounted ditcher.

TFT's patent-pending "Ditch Cruiser" is an offset rotary ditch cleaning system. A spring-loaded equalizer allows the cleaning head to be guided by the ditch walls and gives the operator a 15 in. lateral drift and 8 in. vertical free movement. This means it won't damage concrete linings.

The cleaning head consists of a 5-paddle blower, facing incoming dirt. In case of an overclogged ditch requiring several passes, its position is controlled by a hydraulic cylinder which also allows the head to smoothly pass over side gates.

A tilting hood allows material to be discharged into a 10-ft. strip to the right of the

machine or broadcast 30 to 50 ft. when operated wide open. The machine works best with water in the ditch. Its working speed as a pump is measured at 33 gal. per second.

"In routine application, working speed is more than 1 mph and matches most 60 to 80 hp tractor's first gear," the manufacturer says.

Two basic models are available, designed for 12 and 24 in. bottom width. Several options, such as oil an cooler for hot climates, are available to meet a variety of working conditions.

Prices start at \$11,760.

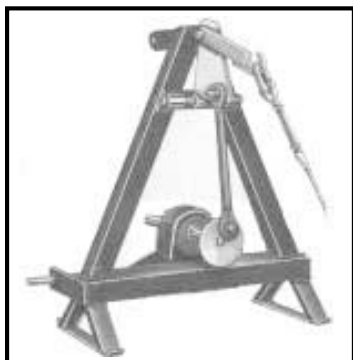
Contact: FARM SHOW Followup, Thuillier Fabrication Technologies, 286 West 1300 North, Bountiful, Utah 84010 (ph 800 655-9630, fax 801 295-6408; web site: [lmo.com/tft](http://lmo.com/tft)).

## Do-It-Yourself Tree Shaker

The German farm magazine "Profi" recently featured this do-it-yourself fruit or nut shaker for smaller orchardists who can't justify the expense of a big commercial shaker.

It consists of an A-shaped 3-pt. mounted frame with a bearing-mounted pto shaft that hooks up to the tractor pto. The shaft drives a round disc with a pin mounted on one side. A "piston" fitted with bearings at either end runs up to a triangular-shaped piece of plate steel that's fitted with a hook.

To shake a fruit or nut tree, you wrap a steel cable around the tree trunk (with protective padding underneath) and attach it to the hook on the shaker. A short piece of tensioning chain runs from the back of the shaker frame to the tractor frame to help secure the shaker when in operation.



**A-shaped 3-pt. mounted frame with a bearing-mounted pto shaft hooks up to tractor pto.**



**Single flow control valve lets you adjust speed of auger so you can precisely control the amount of grain deposited on windrow.**

## Round Bale Shredder Doubles As A Grain Feeder

You can save a trip by feeding hay and grain at the same time with this new round bale shredder and grain feeder from Bridgeview Mfg., Gerald, Sask.

The "Bale King" is a self-loading round bale shredder that feeds shredded hay out in a windrow or into a bunk. It can also chop up straw and blow it out up to 60 ft. away for bedding. A 100-bu. grain hopper mounts in front of the shredder.

A single flow control valve lets you adjust the speed of the auger so you can precisely control the amount of grain deposited on the windrow.

"It lets you feed cattle a total ration in one pass," says Sheldon Skitcko, company representative. "The hopper lets you feed grain, rolled grain, silage, or supplements in one easy step. Metering a little grain on top of a windrow is a great way to improve the utilization of lower quality bales. Livestock will clean up the windrow as they eat the grain trickling down through the windrow. The 100-bu. hopper is big enough to feed larger herds on a single fill. The lid is opened and closed from the ground by pulling on a rope. "You can also use the rig to shred silage



**Grain cart is positioned between bale shredder and tractor.**

bales. A spring-loaded handle adjusts hoops on top of the processing rotor, allowing you to control the rate of feed and length of cut."

Sells for \$13,000 to \$17,000 (U.S.) depending on options.

Contact: FARM SHOW Followup, Bridgeview Mfg., Inc., Box 4, Hwy. 22 West, Gerald, Sask., Canada S0A 1B0 (ph 306 745-2711; fax 33664).



**Unit can also be used without grain feeding attachment. Note how an extra bale can be carried on back.**

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