



New Exhaust-Powered "Dump Bag" For Pickups

You can use exhaust gas to turn your pickup into a dump truck thanks to a new conversion kit developed by Carter Wesco Sales, New South Wales.

The dump kit makes use of exhaust-powered bags that were first developed for use as portable car and truck jacks. "We started using them to dump truck and trailer boxes because it's much easier and less expensive to use engine exhaust than hydraulics," says Ron Irvine, national sales manager.

The dump bag mounts on a steel-reinforced plywood frame that's positioned on mounting brackets above the truck chassis. A second plywood frame fastens to the underside of the pickup box. The bag is inflated when a cable-controlled diverter valve, positioned near the end of the tail pipe, is closed, forcing exhaust air up into the bag. It requires just 8 lbs. of pressure to lift up to 2 tons.

"The entire air bag lift kit weighs just 30



When valve at end of tailpipe is closed, exhaust is diverted to dump bag.

lbs. compared to nearly 600 lbs. for some hydraulic systems. And it's easy to install by yourself," says Irvine, noting that the lift kit sells for "less than \$400" in the U.S.

For more information, contact: FARM SHOW Followup, Carter Wesco Sales Pty. Ltd., 6 Abbott Rd., P.O. Box 224, Seven Hills 2147 N.S.W., Australia (ph 02 624-6833 or 624-6388).

Portable "Canvas" Feed Trough

"It lets you easily feed grain in the field with little or no waste and move to new locations with little effort," says Dan Smith, inventor and manufacturer of a new "roll out" portable canvas feed trough that sets up anywhere in minutes.

Made of heavy-duty 15 mil plastic, the 1-ft. wide troughs range in length from 20 to 160 ft. They're held in place by U-shaped support brackets that are connected to tensioned wires running down each side of the trough. The sides are held several inches off the ground. Setting up the feed trough is simply a matter of rolling it out on the ground, pushing several hold-down stakes into the ground, and tightening the wire tensioners at one end of the trough.

The tear-resistant plastic is UV treated and resistant to most acids, alkalis and solvents. It cannot rot or mildew and has drain holes along the bottom. All brackets and stakes are galvanized.

"It's quick and easy to set up and virtually eliminates waste of grain that occurs when grain is fed to cattle or sheep on the ground. And it requires much less effort to move than heavy wood or concrete troughs," says Smith, noting that he also makes canvas troughs for water of the same design but equipped with float valves and without drain holes in the bottom.



A 20-ft. trough kit sells for \$85. A 160-ft. trough sells for \$310.

For more information, contact: FARM SHOW Followup, S.B. Products, P.O. Box 75, Mt. Barker, W.A. 6324 Australia (ph 098 511 346).

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Best New Ideas From Australia

FARM SHOW editors cover all major shows in the United States, Canada and foreign countries to keep you and other readers posted on latest new products. Featured here are just a few "best of the show" ideas which caught Editor Mark Newhall's eye at the recent Australian National Field Days in Australia. The show has been held each year near Orange, New South Wales since 1952. More than 50,000 people show up to view the more than 630 exhibits.



Subsoiler Shank With "Wear Down" Tips, Rear Wing

New subsoiler shanks from "down under" have several unique features that inventor Allan Yeomans says make them "one of the best tillage tools in the world". Yeomans' shanks are available in the U.S. from Fertility Implements, Bass, Ark.

The shank features innovative knock-on points with replaceable "wear down" tips. The tips simply slip into the end of the "frog" at the bottom of the shank. As the point wears down, you pull it out, slip in a new point, and then insert what's left of the old point in the end of the new point. The "leap frog" system means nothing is ever wasted. The entire point wears away and you just keep adding new points. It can be adapted to existing subsoiler shanks.

Yeomans' new shank also feature a rear mounting system for attaching ridge wings, seed boots, anhydrous knives or cultivator shovels. By attaching a winged rear-mount blade near the top of the shank, you can run the subsoiler through a standing crop and both subsoil and cultivate at the same time. Depth of the rear blade is easily adjustable.



When point wears down (left) a new point (center) is inserted between it and shovel.

The Yeomans shank sells for \$430 and adapts to any 4-in. toolbar. Yeomans sells a rear blade and mounting bracket for \$74 per row.

For more information, contact: FARM SHOW Followup, Fertility Implements, Bass, Ark. 72612 (ph 501 434-5265).