

“No Spill” Battery-Operated Oil Pump

Whether it's from 5 gal., 16 gal. or 55 gal. containers, transferring high-viscosity oil can be messy, and hand pumping is a lot of work. The Australian-made Macnaught Battery-Operated Oil Pump (BOP) eliminates spills and labor.

“The pump is very unique because it's battery operated, so you don't need electricity or air,” says Mike Puckett, Marketing Director for Macnaught USA based in Florida. “You can use it if you have a tractor in the field. Mechanics have them for 55-gal. drums on wheels.”

Besides being mobile, the pump has a 1 1/2-gal./min. flow rate and works with heavy 140W oils in cool weather. The Li-Ion battery is good for up to 40 gals., and recharges in 45 mins.

“The other thing is it pumps multiple types of fluid, including automatic transmission fluid and coolants. Just change out the stem and put the powerhead on it,” Puckett says, to make equipment maintenance easier.

Customers also include truckers and people with boats. Made in Australia and used in mines and other rugged conditions,



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the BOPs are built tough and come with a 2-year warranty and great customer service, Puckett adds. They sell for \$465 (5 gal.) to \$496 (16 or 55 gal.) with kits for coolant and other options available.

Check out the video on YouTube: BOP Battery Operated Pumps.

Contact: FARM SHOW Followup, Macnaught, 614 South Ware Boulevard, Tampa, Fla. 33619 (ph 813-628-5506; info@macnaughtusa.com; www.macnaughtusa.com).

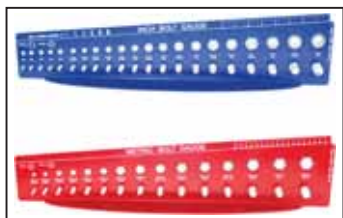
Size Up Bolts With Check-A-Thread

When you need to identify a bolt size and thread, the Ortus Enterprises Check-A-Thread gauges may be a good addition to your shop.

The plastic and metal thread checkers make it easy to figure out the correct diameters for metric and inch bolts as well as thread size from extra fine to fine to coarse.

Simply screw in the bolts or nuts to find the right size. The 15 metric sizes are mounted in red plastic, and the 21 standard measure sizes are on blue plastic. Measure the length of bolts with the rulers on the top of each 5 by 24-in. unit.

Made in the U.S., Check-A-Thread gets pretty good reviews, though some report that the plastic base can warp. Handy DIYers



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figure out ways to mount them on boards, shelves, and other places in their shops. The pair sells for \$86 on Amazon.

Max Life strips can be heated, tack welded, and bent by hammer onto clean surfaces to protect curved metals from thinning or washing wear. They're well suited for seed drills, cultivators, plows, manure spreaders, buckets, mowers, scrapers and augers.



Weld-On Wear Strips Lengthen Tillage Tool Life

A Bourgault Tillage Tool product is cutting the frequency of replacing metal on cultivator sweeps, harrow tines, shanks and soil scrapers.

Max Life heat-applied wear strips containing chunks of tungsten carbide can be spread evenly across the face of soil-engaging components to add length of life.

“Max Life quadruples the working life of wearing metal,” says a company advertorial. “It creates the toughest, most economical, longest lasting tools available. It's cost-effective, and years of rigorous testing shows the useful life of wear parts extended many times over depending on the application.”

The tungsten carbide chunks come in various sizes from 3/8 to 9/16 in. in diameter and are divided into strips to suit intended widths.

According to Ian Clayton-Bailey of Bourgault's Canadian subsidiary, these deposits are extremely tough and won't chip or flake when subjected to high impacts.

The Max Life strips can be heated, tack welded, and bent by hammer onto clean surfaces to protect curved metals from thinning or washing wear. They're well suited for seed drills, cultivators, plows, manure spreaders, buckets, mowers, scrapers and augers.

Interested customers are encouraged to consult the Bourgault Tillage Tools website for dealerships, pricing and information.

Contact: FARM SHOW Followup, F.P. Bourgault Tillage Tools Ltd., 200-5th Ave S., St. Brieux, Sask., Canada S0K 3V0 (ph 800-878-7714; info@tillagetools.ca; www.tillagetools.ca).

FARM SHOW®

Money-Saving Repairs & Maintenance Shortcuts

Have you come up with any unusual money-saving repair methods for fixing farm equipment? What maintenance shortcuts have you found? Have you had any equipment recalled by the factory? Name a particularly tough mechanical problem you've had with a piece of equipment and how you solved it.

These are a few of the questions we asked randomly selected FARM SHOW readers. If you have a repair tip, maintenance shortcut, or other mechanical experience you'd like to share, send details to: FARM SHOW, P.O. Box 1029, Lakeville, Minn. 55044 or email us at: editor@farmshow.com.

Mark Newhall, Managing Editor



Bob Spivey, Habersham County, Georgia: “My dad loves to come up with ways to sort small shop parts, screws, nuts and so on. The photo shows how he uses old ice cube trays to put into bins with no dividers.



solved the problem by hanging an old tractor weight low on the back as a counterweight. Problem solved.



Cal Miner, Wilmar, Minn.: “To keep small parts in check, put four dabs of grease on a magnetic tray and lay a white paper towel over the grease dabs to keep them from sliding or blowing. Parts will not get lost. I use a separate tray for assembly.

“When you've got a tight spot for putting on a nut, just sharpen a pencil eraser and slip the nut on over the end. It's like having an 11th finger.”



“Moving blankets work great for working under vehicles, especially on cold rainy days. I always keep a couple hanging around. Best of all, they're washable.”

Ray Ingalls, Roaring Branch, Penn.: “I've been using Amsoil oils and other products for the past 45 years and wouldn't use anything else. In the mid to late '70's, I went to the expense of buying and installing an extra oil filter called a bypass filter. It was a great idea. I paid about \$200 per truck and tractor to fit them with the filter canister, which had a filter cartridge inside. I still have most of the trucks and tractors, but the company quit making the filter cartridges. I've tried all kinds of things to track down these cartridges and had fair luck for a while, but now they have dried up. I've talked to many Amsoil reps, but none could help. To continue using, I would have to buy a special metal block made to mount