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Handy Cordless Transfer Pump

The 1/4-hp. M18 transfer pump from Milwaukee Tool can move up to 480 gal. per hr. with 18 ft. of lift and up to 75 ft. of head height. The self-priming pump connects fast and can move up to 240 gal. per charge with the brand's 18-volt, 5Ah, XC5.0 battery pack.

Milwaukee promotes the M18 as a water transfer pump, but it's getting great reviews from users as a do-all pump. "R.Roberts" reported using it for everything from RV antifreeze to muddy water. A marine mechanic reported pumping thousands of gallons of fuel with the pump with no problems. "Clynch" reported using the pump to transfer hundreds of gallons of maple syrup sap. "Kyle, The Scrap Guy" said he had used it to pump diesel fuel to his auxiliary tank when his OEM pump went down. "Highly recommend it for anyone in the trades, agriculture

or the heavy equipment industry," he said.

All gave it five stars, as did many others. One reviewer was very positive about the pump but recommended using a PVC pipe instead of a garden hose for the inlet line. "Even a stiff garden hose will partially collapse during pumping, causing the motor to trip," suggested "TownDestroyer." "Twenty min. were required to pump a sump using a garden hose the first time, but only 10 min. the second time using a PVC pipe and using only half the charge of an 8.0 Ah battery."

The M18 transfer pump is compact, with a 5 3/4 by 13-in. footprint and a weight of less than 8 lbs. It's available from multiple online retailers for around \$225.

Contact: FARM SHOW Followup, Milwaukee Tool (toll-free 800-729-3878; www.milwaukeetool.com).



15 gal. sprayer secured to a hand truck with a widened axle and spray nozzles fastened to a board.

DIY Sprayers Are Easy To Use

Thanks to a couple of DIY spraying rigs, Jerry Mickelson, 89, can continue taking care of weeds on his lawn and in his yard.

He pulls his 15-gal. tank sprayer behind his Husqvarna mower. The tank is secured on a two-wheel hand truck with two 3-in. leather straps. A bolt through a hole in the handle slips into the mower's hitch.

Mickelson modified and widened the axle to 34 in. to make it more stable on uneven surfaces and clamped a board to the bottom of the hand truck to hold three nozzles in place.

"I can spray about 6 ft. across on each run," Mickelson says. "I have a valve on my mower that I can turn off the sprayer and use the 6-ft. (hose) hand sprayer while seated on the mower. My total cost was about \$5 to \$7."

To reach smaller places, Mickelson adapted his golf cart to hold a 2-gal. spray tank secured with bungee cords that he could easily pull around the yard.

"Both have worked well for quite a few years," Mickelson says.



Golf push cart modified to carry a 2-gal. sprayer.

Contact: FARM SHOW Followup, Jerry Mickelson, Franklin, Wis.



Mounted inside a bin, it uses a vertically actuated mechanical spray pump. No battery or cords are needed.

BinGuard Keeps Trash Bins Smelling Fresh

Control garbage odors with BinGuard. When the cover closes, the trash bin deodorizer releases a citrus-scented mist to neutralize odors and control bacteria growth.

BinGuard is a South African company that markets its BinGuard online through multiple resellers. The \$24.99 kit includes a dispenser, spray trigger and deodorizing liquid bottle.

Product claims include using automotive-grade nylon-infused plastics on the dispenser. Mounted inside a bin, it uses a vertically actuated mechanical spray pump. No battery or cords are needed. BinGuard suggests the design fits virtually all hinged plastic outdoor wheeled bins.

Each replaceable bottle is good for approximately 90 sprays or 90 days if the

bin is accessed only once daily. The dispenser makes an audible noise when the bin is closed. No noise indicates the bottle may need to be replaced. A 4-pack of deodorizer bottles is priced at \$19.99.

BinGuard makes a variety of other trash bin-related products, including foot pedals for opening and closing, a tow plate for moving bins to a collection point, wall brackets, wildlife locks and more.

Contact: FARM SHOW Followup, BinGuard, Unit 6, Innovation Centre 2, Meson St., Techno Park, Stellenbosch, 7600, Western Cape, South Africa (ph 27 21 880 2703; info@binguarddeodorizer.com; www.binguard.co.za).

DIY PVC Yard Waste Bag Frame

T. Clark from Austin, Texas, recently wrote to FARM SHOW about his homemade PVC yard waste bag frame. He made the frame using 3/4-in. PVC with Ts and 90-degree corners. The bottom of the frame is larger than the top. The top frame is sized to match the yard waste bags. The bags are first folded to form a cuff, which fits over the top of the frame.

"I didn't adhere any joints until I had everything fitted to the bags," says Clark. "It's strong enough to support the grass-catching bag and frees up one hand."



PVC frame holds yard waste bags for easy loading.



Nine and 12-gal. sizes are ideal for 12 to 15 chickens. Feeders hold 50 to 65 lbs. of feed.

Silo Feeders & Fountains For Chickens

If your backyard chicken flock or poultry operation is growing, you may want to upsize to feed and watering stations that feature a new design. Happy Hen offers a solution with its new Silo Feeders and Silo Fountains, introduced in 2023. The 9 and 12-gal. sizes are ideal for 12 to 15 chickens. Feeders hold 50 to 65 lbs. of feed.

"They don't have a vacuum seal design, so you can refill from the top anytime. They sit off the ground (6 1/4 in. high), which can help prevent dirt and debris from getting in," says Monica Burkey, director of marketing.

The transparent, corrosive-resistant plastic is UV-treated for outdoor use and shows the water and feed levels. Fountains have a float valve and two water level options.

Cost is \$100 and \$120 for the two sizes. Silo feeders and fountains can be purchased through Happy Hen's website and other online and retail stores.

Contact: FARM SHOW Followup, Happy Hen, P.O. Box 1090, Boerne, Texas 78006 (ph 830-331-2311; sales@happyhentreasures.com; www.happyhentreasures.com).