

## Easy-To-Use Lock-on Grease Coupler

Univer-Co developed a clean and handy tool to consistently apply grease where it's needed most.

When bearing, roller or bushing grease nipples become worn and rounded, it can be frustrating to secure a grease gun coupler in the correct position to move grease through a zerk fitting.

The UC2121 lock-on coupler from Univer-Co uses a revolutionary mechanism with a four-jaw lock to hold the coupler in place to a maximum pressure of 10,000 psi. It's made of premium steel and comes with a 1/8-in. NPS thread, fitting all makes and models of grease guns.

"They seal completely and never pass any messy grease around the edges," says Richard Labelle, Univer-Co Sales Manager. "It has an integrated release valve to remove it from the nipple. Just pull back on the locking flange, and it lets go."

The unique coupler also comes standard with an inline pressure release valve in case the downstream pressure becomes too high and threatens to break the zerk or coupler. Simply open the valve and allow some grease to escape, lowering the pressure and releasing the coupler.



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A hands-free reach-and-release hook is also available for hard-to-access places and keeps fingers clear of obstructions.

The lock-on couplers are manufactured in Quebec and are available through a network of dealers across North America.

Prices range between \$40 and \$60 CAD (\$30 to \$45 USD) plus S&H.

Contact: FARM SHOW Followup, Univer-Co Inc., 713 Montee Douglass, Napierville, Quebec, Canada J0J 1L0 (ph 450-245-7152; info@univer-co.net; www.univer-co.net).

## Electric Pallet Fork Clamp Uses No Hydraulics

The EPFC-1 pallet fork clamp from Worksaver attaches easily and requires no auxiliary hydraulic valve. Designed for use with compact and subcompact tractors, it uses an electric actuator with an 8-in. stroke to operate the clamp.

"A lot of subcompact tractors don't have auxiliary hydraulics," says Mike Kloster, Worksaver. "Our engineering staff looked at forks for those tractors and suggested making a clamp similar to one we offer for grapples on front-end loaders. Both are ideal for picking up loose brush and holding it in place."

The EPFC-1 is designed for subcompact and compact tractors up to 48 hp. with Class 1 fork attachments. The clamp mounts at the center point between the rails. Installation consists of running a single wire to the battery and a cable and rocker switch with open and close controls to the operator.

"We've been offering the grapple clamp for 2 1/2 years," says Kloster. "The EPFC-1



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just went into production in late spring. The first run is shipping now."

The clamp is 5 1/4 in. wide, 12 1/2 in. high and 36 in. in length with an open height of 48 in. It easily locks up in open position for normal fork use. It weighs 75 lbs. and has a list price of \$1,795.

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## Clamps Make Soldering Easier

Matco soldering clamps make soldering wires easier. Matco offers two models. Both feature spring-loaded, articulated claws that hold wires securely. The clamps handle wires up to 0.177 in. dia. (gauge 7).

The Wire Soldering Clamp (WSC15) costs \$81.95. Its weighted base can hold two wires in place with or without its 6-in. flexible cable arm. The company describes it as being like soldering with a second set of hands.

The E-Z Solder Clamp lacks a base but includes storage for a solder coil in the hand grip. The user controls the feed of the solder with their thumb. It's described as acting like a third hand, holding two wires and directing solder wire to their junction. It's priced at \$89.95.



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Contact: FARM SHOW Followup, Matco Tools, 4403 Allen Rd., Stow, Ohio 44224 (ph toll-free 866-289-8665; customercare@matcotools.com; www.matcotools.com).



"The scratcher breaks loose any metal stuck in the ground surface, and the magnet picks them up," says Jacob.

## Magnet Scratcher Bar Makes For Easy Cleanup

Terry Jacob stirs up surface dirt and grasses to collect metal bits with his magnetic scratcher bar. Jacob previously shared using magnetic bars to pick up scrap metal while grading roads (Vol. 39, No. 3). His latest invention adds teeth to the concept.

"I added New Holland rake teeth to a 6-ft. magnet that I mounted with a Cat. 1 3-pt. hitch," says Jacob. "The scratcher breaks loose any metal stuck in the ground surface, and the magnet picks them up."

Jacob developed the tool so he could go into grassy and rocky areas and recover bits of metal. He notes that the 6-ft. length is handy for getting into tight spaces. The tool has proven useful after a storm at construction sites, in his farmyard and in his driveway.

"You never get it all in one pass, but it's worth the effort," says Jacob.

Jacob mounted dual gauge wheels to the 2 by 2-in. solid steel toolbar. They keep the magnetic bar at least 2 in. above the ground's surface.

He used 3/4-in. by 3-in. cultivator shafts to mount the scratching component just ahead of the toolbar. It has two rows of rake teeth mounted to salvaged swather bars set 4 in. apart. Existing holes in the swather bars let him mount the teeth about 2 in. apart.

The magnet, with its aluminum floor, is also mounted on cultivator shafts and just behind the toolbar. When in use, the aluminum floor is tight against the magnetic bar. When loaded with metal bits, a cam and lever system separate the aluminum floor from the magnet to release collected metal.

"I can raise both the magnet and the scratching bars by adjusting the gauge wheels or raise and lower the magnet bar and the scratching bars separately," says Jacob. "Set screws on the shafts and secure them at the desired height."

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## He Built A Portable Workbench From A Walker

Longtime FARM SHOW reader Harlan Nonhof built a portable workbench from a repurposed walker. "I wanted to accomplish three basic things with this project: keep my tools handy when using them, off the ground when working outside, and within reach. As I've turned 83, the ground seems to be a longer reach than ever."

The custom workbench worked as well as he'd hoped. "I've used it for years just as pictured," he says. "It's very light and portable." The bench gives him a surface to work on and a place to lay tools instead of on the ground. Nonhof also uses it to hang small objects that need to be spray painted. "I've found it's convenient for supporting large pieces of material when I use a chop saw. The legs are adjustable."

To make the modifications, Nonhof cut off the plastic hand grips on each side of the walker to create a solid surface for bolting the boards. "I used a 1-in. by 2-in. board bolted to the walker hand grip area," he says. "The top is 1/2-in. by 18-in. by 24-in. plywood. It's not fastened, but if I need it solid, I can secure it with small bar clamps to the walker frame."

He estimates that construction took under an hour. "I only needed to purchase the four bolts to fasten the boards to the walker and the plywood top." He also believes that finding suitable walkers is easier than many people assume. "I expect you can get walkers like this from county health departments or hospice by asking around," Nonhof says. "Maybe estate sales and auctions, too. Many people who use this style of assistance have gone to walkers with wheels and brakes."



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Nonhof has been impressed with the functionality for the price point. "I made two of these benches for a local hospice auction that they put on the silent bid table, and they each sold for \$25, which was just a little more than I had spent on the materials."

Overall, this portable workbench is proving well worth his effort. "If you ever work away from your normal station and are without a bench, I encourage you to take the time to make one of these," says Nonhof. "And if you need to do a fairly large job in the yard or field, you may even want more than one."

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