

## New-Style Clamps Grip Better

Piher's Maxipress Clamps offer more clamping force with less effort. Two threads act like a gear to give greater gripping pressure and a faster advance.

Bill Fudale of Bow Products in Superior, Colo., is a U.S.-based seller of Piher products.

He regularly attends farm shows like Husker Harvest Days in Nebraska and sees firsthand how much farmers appreciate their Maxipress Clamps.

"Guys keep coming back to buy more of these clamps to make sure they have enough on hand," says Fudale.

He says if you consider some of the competition, they basically sell the same forged-style clamps with the Acme threads. "The only differences between them are the name and prices," he says.

"Piher has come out with a piston system," Fudale says. "They also have protected threads and a non-spin advance using two fine-threaded screws that work together.

"Not only do they apply greater torque faster, but they have a bottom jaw that advances without spinning," he says.

Fudale says farmers have an interesting reaction when he demonstrates how efficient the clamps are. He takes a couple of 4-in. pipes, opens the bottom jaw of the clamp, and puts the first one in the jaws and the second one perpendicular.

He then closes the jaw and starts to tighten it. "The farmers just look at me and ask, 'How much?'" Fudale says.

Working with a regular clamp with a "spindle" on the bottom jaw with the thread exposed is challenging. He says you almost need three hands to work with it comfortably.

"Imagine you're a farmer trying to mend a fence gate with a pipe and trying to hold the bar in place and clamp it at the same time," Fudale says. "The Maxipress clamps save a lot of time and come with a lifetime guarantee."

The clamp has a non-spin advance. The bottom jaw advances like a vise as the clamp is turned. It's a significant advantage over



Clamps use a piston system and have a bottom jaw that advances without spinning.

those forged clamps, as the material has no chance to "walk" or move as you turn the clamp to apply pressure.

The Maxipress has a grooved fixed jaw for the best possible grip on tubes, profiles, and other items that are hard to grip.

The jaws have curved heads, allowing them to work around edges and protrusions. The clamps come with a positioning system to prevent any free fall of the bottom jaw. There's also a tempered steel, non-slip brake on the moving jaw.

The clamps glide smoothly up and down an extra-resistant hot rolled steel bar.

The clamps are available through the company website. Prices vary depending on the size of the clamp but range from \$45 to \$217.

Contact: FARM SHOW Followup, Bow Products, 8778 Boyce Road, Corfu, N.Y. 14036 (ph 844-895-4488; www.bow-products.com).

## Tool Makes Changing Valve Springs Easier

A new tool on the market is making diesel engine maintenance simpler. The Riffraff Diesel Valve Spring Compressor Tool, developed by Riffraff Diesel Performance, allows for easy and accurate compression of valve springs in Ford 7.3L 94-03 Powerstroke engines.

Valve spring compression is a crucial step in maintaining diesel engines, and it can be a time-consuming and labor-intensive process. However, with the Riffraff Diesel Valve Spring Compressor Tool, this task can be completed in a fraction of the time it would take with traditional methods. The tool features a unique design that allows for easy access to the valve springs, making compression a breeze.

It's made with one of the strongest commercially available alloys, 7075 billet aluminum, and 8740 hardened chromoly hardware. Riffraff Diesel Performance has a patent pending on the tool.

"With its innovative design and time-saving capabilities, it's a great solution to save time and money on diesel engine maintenance," says Riffraff lead engineer Andrew.

One online review stated, "What a nice change from the standard Napa hand crank version I had before."



Tool makes spring compression easy for Ford 7.3L 94-03 Powerstroke engines.

The Valve Spring Compressor Tool is available for purchase online and through select retailers for \$195 plus shipping.

Established in 2008, Riffraff specializes in manufacturing "Made in the USA" parts for the Powerstroke platform.

Contact: FARM SHOW Followup: Riffraff Diesel, Inc., P.O. Box 416, Eagle Point, Ore. 97524 (ph 541-879-1052; www.riffraffdiesel.com).

## Handles Help Haul Welding Tanks

Bow Products has a patented way to make it easier to tote welding tanks around the farm or shop.

"The Tank Caddy is made of a lightweight material that allows you to transport and handle those tanks safely and securely without them rolling around," says Bill Fuldale of Bow Products in Superior, Colo.

The Tank Caddy consists of two flat pieces of strong foam material with a flexible hole in the middle to accommodate variations in tank diameters. There's another hole cut into the edge to form a handle.

To lift a welding tank, you slide the caddies to the middle of the tank and turn one handle to each side. Lifting with the handles makes it much easier and safer to load or unload a tank.

"Since the caddies sit flat opposite the handle side, it will stabilize your tank for transport," he says.

This also prevents the tank from scratching or dinging up a truck bed or tailgate.

"For further stability, the handles allow for easy tie down during transport," Fuldale says. "It's made of high-density material, which is strong, durable, and holds up in all weather conditions.

"You don't have to remove the caddy from the tank either," he says. "It'll lessen the impact if the tank falls over and helps protect the pressure regulator in case of a fall."



Foam handles slide over tank to allow for carrying and transporting welding tanks.

The Tank Caddy retails for \$59 a set.

"Folks may also have seen our MaxiPress Clamps also in FARM SHOW," Fuldale says. "If someone wants a tank caddy and purchases clamps as well, they can earn a 20 percent discount for purchases over \$100 by typing the discount code 'FARM' when they place the order."

Contact: FARM SHOW Followup, Bill Fuldale, 600 Charles Street, Superior, Colo. 80027 (ph 720-665-0807; sales@bow-products.com; www.Bow-Products.com).



"While the soup rack organizers looked really simple at the store, replicating the right dimensions was a struggle," says Spiering.

## Made-It-Myself Can Storage Rack

Anthony Spiering of Powell, Wyo., has a clever storage solution for aerosol cans in his farm shop. He tends to buy glass cleaner, carburetor cleaner, spray lubricants, and similarly-sized products in bulk for cheaper shipping costs. Not only did this create lots of clutter within the shop, but the lack of organization led him to forget what he'd already bought.

Spiering found inspiration for a better system from the soup can displays at grocery stores. His goal was to create vertical storage where the entire stack would roll down one can after selecting the bottom one.

His rack organizer uses 5-ft. by 10-ft. 1/4-in. thick steel plate to make the surface and back of the workbench. He had a steel company break the sheets to make the tabletop, sloping back, and upper shelf. Once that was done and welded solidly to the frame, he began on the can racks. "I took some 1/8-in. by 3-in. strap steel and cut pieces about 54 in. long, welding them in a T-shape, similar to what an I-Beam looks like," he says. "After this, I welded the T's to the angled back of the workbench. I spaced them about 8 1/2 in. apart."

Next, he attempted to design the pop-up ramp by first placing some flat steel to angle the cans away from the wall and then

using 1-in. square tubing to hold them to the tabletop. Within the 13 separate slots, Spiering can store and display well over a hundred cans.

Working with a friend, the entire project took Spiering about 3 days. "There was a lot of trial and error involved," he says. "While the soup rack organizers looked really simple at the store, replicating the right dimensions was a struggle". The cans themselves were heavy and needed a precise amount of support to ensure they moved through the steel rack smoothly. Make it too tight, and the weight of the stacked cans keeps the bottom one in place so he can't pull it out. But have things too loose, and cans pop out of the rack and roll on the floor.

He solved this problem in part with two 1-in. by 2-in. square "ears" on the bottom of each rack. These provide enough space to work your fingers in through the bottom to pop out a can while the ears catch the next one and keep it in place.

Interested readers can contact Spiering directly for more details on the exact dimensions of his can rack.

Contact: FARM SHOW Followup, Anthony Spiering, 1168 Rd. 19, Powell, Wyo. 82435 (ph 307-254-2645).