



Hershey Machine sells most styles and sizes of hard-to-find replacement chains, sprockets, tensioners and more.

Chains, Sprockets, Tensioners And Much, Much More

Atlee Miller says if you're looking for parts for pneumatic or mechanical systems, he likely has what you need. With more than 10,000 lines of parts on hand (30,000 in all), he may be right. That's especially true of chains, sprockets and tensioners.

"We ship parts everywhere," says Miller, Hershey Machine. "We specialize in roller chain and double pitch chain. We have right and left swing tensioners and both spring-loaded and rigid designs. If you want offset, we can fabricate what you need."

In addition to parts, Hershey Machine offers special services, such as revamping old gearboxes and re-Babbiting old Babbitt bearings.

"We specialize in doing the hard stuff that often stops a guy making repairs or a

restoration," says Miller.

Identifying the part needed is as simple as a phone call. "About 90 percent of roller chains have a number on them. If you tell us the number and the number of teeth on the sprocket with the bore of the sprocket, we can find a replacement."

When it comes to race bearings and other items, simply providing measurements is often enough. Faxing in a photo or drawing can help.

Miller reports the company will be issuing a catalog in 2020. In the meantime, call and ask.

Contact: FARM SHOW Followup, Hershey Machine, 5502 State Route 557, Millersburg, Ohio 44654 (ph 330 674-2972).



Rebuild kit improves the performance of old and worn parallel linkage arms by replacing the original bushings with sealed bearings.

Sealed Bearing Service Fixes Deere Planters

"Our new sealed bearing service for Deere planters improves the performance of old and worn parallel linkage arms. We replace the original bushings with sealed bearings that never need grease. The rebuilt arms work smooth and stay tight," says Jeff Steinke, Coyote Machining, Hamlet, Neb.

The rebuild service was introduced at the recent Ohio Farm Science Review show, but Steinke came up with the idea about 7 years ago and has been rebuilding worn arms for local farmers ever since. Farmers send him their arms, and he builds up the worn spots and installs new sealed bearings. He works only on Deere 1720 and newer planters.

Steinke says worn parallel linkage arms and bushings are becoming more of a problem with today's high-speed planters. "The faster you go the harder it is to keep the planter in the ground, especially in hard soil and on no-till ground. As a result most planters are applying hydraulic or air down pressure, which makes the parallel linkage arms wear out faster."

He says some farmers who had their parallel linkage arms rebuilt 7 years ago, have never had to replace the bearings. "Even if the bearings would fail, there won't be any wear on the arms," says Steinke.

He says customers can also make an



"The rebuilt arms work smooth and stay tight," says Jeff Steinke, Coyote Machining.

exchange with repaired parallel linkage arms he already has in stock.

The rebuild costs \$70 per arm plus shipping. "We encourage shipping from Fastenal stores to save money," says Steinke. "Bring the arms to your local Fastenal store and they ship them to me. I rebuild the arms and send them back to the store."

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With a little help from a driveline fabrication shop, Bill Knutson repowered this Oliver 1555 tractor with a Chevy 350 engine.

1555 Oliver Repowered With Chevy 350

Slipping a Chevy 350 into Bill Knutson's 1555 Oliver required nothing more than a little work with a grinder. When he first set it into position, it didn't quite line up with the transmission input shaft.

"I had to grind out a bit of the frame, and it dropped just low enough to line up," says Knutson. "All I needed was a connecting joint for the 2 shafts."

Knutson had the joint fabricated at Driveline Service in Sioux Falls, S. Dak. The firm specializes in drivshafts and parts.

The only thing that didn't fit once the grinding was done was the 350's fan. Before lowering the engine, the fan fit the Oliver's shroud without a problem.

"Sturdevant's Auto Parts said they had an electric fan that would fit the shroud and cool the engine as well as the original fan," says Knutson. "It can be set to either push or pull air through the radiator."

Knutson added 4-in. black stacks to either side and mounted 3-in. mufflers inside. He compares the sound produced to a glass-pack muffler.

"The Oliver is fun to drive," says Knutson. "I've had it at speeds up to 37 mph, and it

handled well. The front end was nice and tight."

Knutson got the idea of repowering the Oliver when he first picked it up to add to his collection. He bought it because it was a "Loader Special", built in Canada. Loader Specials required a pump on the pto to supply hydraulics. It had a separate pump on the engine for power steering.

"The Chevy 350 had been sitting unused since my son quit racing many years ago," says Knutson. "I did some measurements, and it looked like it would fit."

The only problem Knutson has had with the repowered Oliver is a tendency to overheat. Knutson's son has suggested that the 350 may have a high output water pump.

"That would push the water through so fast that it wouldn't have a chance to cool the engine," says Knutson, who is exploring all options. "It certainly isn't the radiator. It's designed to cool a 6-cylinder engine pulling a plow all day."

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Portable workbench quickly folds out to provide a 4 by 8-ft. work surface.

"Pop-Up" Workbench

This portable work table quickly folds out like a pop-up tent to provide a 4 by 8-ft. work surface.

The Centipede workbench folds down into a compact, lightweight unit that fits into a handy storage bag. It weighs less than 20 lbs. but can support up to 3,000 lbs. when you put a sheet of plywood over the top.

Plastic tips at the top of each strut keep your saw's blade from accidentally cutting into a steel strut.

The 4 by 8-ft. workbench sells for \$159 at Amazon.com plus S&H. A smaller 4 by 4-ft. unit that supports up to 1,500 lbs. sells for \$129.95. Both models come with quick clamps and "X-Cups" that hold dimension lumber as well as a clamp-on straight edge saw guide and storage bag.

Contact: FARM SHOW Followup, Affinity Tool Works, LLC, 1161 Rankin Dr., Troy, Mich. 48083 (ph 866 588-0395; info@affinitytool.com; www.boracentipede.com).