

PTO Shaft Experts Can Fix Any Machine

If you need a pto shaft fast, PaulB Parts has them. If your equipment takes a German, Italian or North American driveline or a conventional or constant velocity driveline, they have it. If you don't know what kind it takes, they can help.

"All pto shafts are not created equal," says Gerald Martin, PaulB Parts. "While having a heavier shaft doesn't hurt, having too light a shaft can be a problem. It can cause a bearing to burn out or even twist and ruin a shaft."

If you're unsure which shaft is right for your equipment, Martin suggests you give them a call. How much horsepower is moved through the shaft is a key factor. Other facts needed to identify the proper shaft include the size and style bore on the end yoke of the equipment and the tractor. The length of shaft and how much telescoping is also important.

"If the shaft is too long, when it tries to flex, it can come together too far," explains Martin. "It can bottom out and ruin equipment components on either end."

If the shaft is too short, that can be as much of a problem and more dangerous. Flexing can pull the telescopic shafts apart.

"The shaft under power can spin uncontrollably and be a danger to bystanders," explains Martin.

The wide variety of shafts available can provide options for using lower cost alternatives, suggests Martin.

One of the strengths of the company, he adds, is being able to custom build drivelines from scratch. Whether for a one-off design or repeat parts, the company can help.

"If a customer comes in, we often can sit down at the drawing board and design a shaft that will work," says Martin. "We have a shop that can fabricate the new design. Our wholesale division provides a similar service for small manufacturers."

PaulB offers multiple resources on the company website for pto shaft customers. That includes diagrams for identifying shaft styles, the series of the shaft, and a video on measuring and cutting a pto shaft. The company also carries a wide variety of parts for sprayers and other equipment.

Contact: FARM SHOW Followup, PaulB Parts, 50 Wood Corner Rd., Lititz, Penn. 17543 (ph 717 738 7355, ext. 280; www.paulbparts.com).

Shockerhitch

A Simple Idea That Makes Trailers Tow Smooth

"Ever since people have been towing trailers they have used a solid steel to steel connection feeling every bump in the road and accepting that as normal. Today we have a choice, you can use a Shockerhitch and smooth out the bumps," says Bob Sagen, President, Shockerhitch, Inc.

"Our hitches use a simple mechanical design that sends the road shock into an airbag. The results are incredible. If a smoother ride with less fatigue to your equipment sounds good to you, give us a call, I bet we can help. Average price per unit \$399."



Contact: FARM SHOW Followup, Shockerhitch, Inc., P.O. Box 172, Arthur, N. Dak. 58006 (ph 701-967-8577; www.shockerhitch.com).

Reader Inquiry No. 176



Baler pickup with bent, rusted steel bands.



Pickup fitted with new Tobin poly bands.



In addition to longer wear, hay feeds more smoothly after bands are installed, says manufacturer George Zimmerman.



Poly Pickup Bands Boost Baler Performance

After a custom baler complained to George Zimmerman about rocks and other objects continually bending the metal pickup bands on his big square baler, George and his wife, Faith, developed their new heavy-duty poly pickup bands.

The Zimmermans had been manufacturing traffic cones and other safety products out of various plastics since 2005. The poly pickup bands are their first ag product. The bands are catching on fast with farm equipment dealers across the country who have been signing up to handle them.

"Our goal in developing these was to eliminate the problem of bending and wearing. These bands are made heavy and will withstand impacts without damage. If pickup teeth do rub against the bands, they will not wear through nearly as quickly as steel bands. In addition, hay feeds through

much more smoothly and easily," says Zimmerman.

The 1/2-in. thick bands have a 1/4-in. support ring on the inside to strengthen and maintain shape. Longer bolts (included) are required to attach the poly bands. Zimmerman notes that you can replace them one or two at a time as steel bands wear, or do them all at once.

They fit most models of Case IH, New Holland, and Hesston big square balers. They are now available to fit Deere round balers.

Check out a video of the poly bands being installed at www.farmshow.com.

Contact: FARM SHOW Followup, Tobin Apparatus, Rt. 1, Box 169, Greentop, Mo. 63546 (ph 800 960-6246 or 660 216-0205; www.tobinag.com).

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