

Doing it right; the first time;
on time; every time.



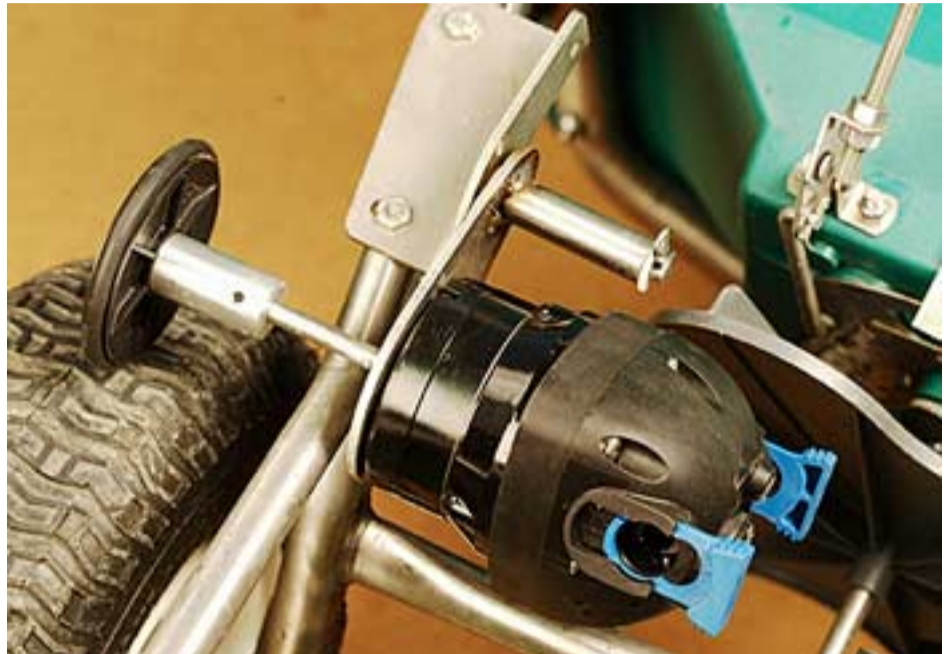
The Value of Solution Selling

“I needed a little drive wheel attached to the pump shaft which comes in contact with the tire on the spreader, so that the weed control pump sprays properly. I told Torque Transmission what I needed and they delivered it for me at a reasonable cost.”

Tom Jessen,
President,
[PermaGreen
Supreme](#)



Torque Transmission, Fairport Harbor, OH – January 28, 2008



The Problem

[PermaGreen Supreme](#), a Valparaiso, Ind. based manufacturer of professional lawn and turf care equipment, was designing a fertilizer spreader with rubber tires and a mechanically actuated, weed control pump. However, the only pumps readily available were electric. As electricity and fertilizer don't get along very well, the company had pumps built without the electrical components.

The pumps were to be driven by a drive wheel in contact with one of the rubber tires. The problem was finding a tire small enough to accommodate the design, while adequately rotating the pump to apply the proper amount of weed killer.

The Solution

[Torque Transmission](#) custom designed a pulley with an O-ring affixed. The combination of Torque Transmission's [companion PO3 Pulley](#) and O-ring gave PermaGreen the lightweight, compact and totally functional spray situation they sought.

Key features include:

- Custom-designed pulley and O-ring combination solved manufacturing challenge
- Cost effective at anticipated production run
- [Glass-reinforced nylon pulley](#) combined with aluminum collar is light weight, functional and durable

The Value to the Customer

- **Light weight.** Reduced fatigue for operator
- **Economical.** Glass reinforced nylon pulley eliminates tooling costs normally associated with cast pulleys
- **Adjustable.** Collar with setscrew allows adjustment in positioning of pulley to tire alignment

For more information call Gary Rusnak at 1-800-544-6642 (440-352-8995 outside the U.S.) or e-mail him at marketing@TorqueTrans.com, or visit us at www.TorqueTrans.com.