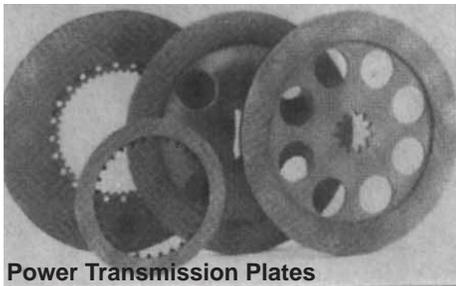


# Longer Lasting Lining For Brakes, Clutches

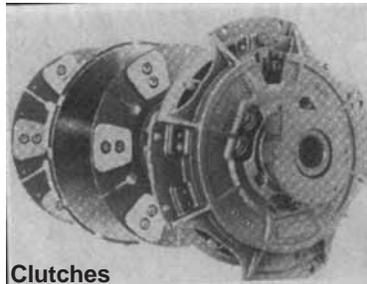
"It virtually never wears out," says Dave Bortz, President of Tribco, Inc., which adapted the space age plastic fiber Kevlar for use on brake linings, clutch plates, automatic transmission friction discs and other parts that would otherwise be lined with asbestos, bronze or other types of friction linings.

Tribco has patents on Clutchtex® and Braketex®, the only 100% Kevlar-fibered composite friction materials. "Kevlar composite delivers higher torque and smoother operation and virtually eliminates brake, transmission and clutch plate wear after it's installed."

Dan Dolence from Grey Eagle, Minn. had a problem with his IH 450 and Super H tractors. "No one would use them," he says, since



Power Transmission Plates



Clutches

the old brake lining made them dangerous to operate. Now, he says everyone uses the tractors "with ease" and that "it's too good to be true." John Daly's IH Super M's Braketex® asbestos-free plates have also worked well on his 1650 acres in Cato, N.Y. for several seasons.

Gleason, Wisconsin repair shop Land Farm Equipment has installed dozens of Tribco brake and clutch plates in many different applications over the last 16 years. Their customers get smoother operating clutches and benefit with more than three times the wear life of the friction as well as the metal discs, drums and flywheels.

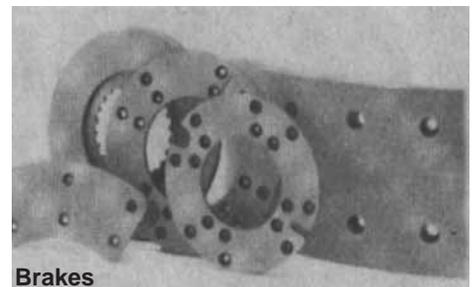
Tribco dealer, Duane Nielson of Allied Precision Products, Pocahontas, Iowa

(712-335-4250) has had particularly good results over many years with Clutchtex® lined plates on Deere 4020 tractors and front-end loaders in the many places he has used the products.

Clutches, power transmission plates, and brakes are available for all off-highway and agricultural equipment. Wet brake and transmissions plates are also available.

Contact: FARM SHOW Followup, Tribco Inc., 18901 Cranwood Pkwy., Warrensville Hts., Ohio 44128 (ph 216 486-2000) www.tribco.com; or dealer, South Bend Clutch, Mishawaka, Ind. (ph 574 256-5064 or 800 988-4345).

Reader Inquiry No.142



Brakes

## Wind-Generated Compressed Air

Instead of creating electricity, Win-Pressor turbines produce compressed air. Ervin Hochstetler has been working on the design for 4 years as an improvement on past designs that used conventional blades which weren't fast enough to get oil to pistons and tended to burn out compressors.

"The key is in the blades when powering oil-lubricated compressors," he explains. The Win-Pressor has three high-speed, lightweight fiberglass wind turbine blades.

"We had to customize our blades to get the start-up torque," Hochstetler says. The turbine is designed to start up the compressor in relatively low winds, but not exceed the normal operating rpm in high winds. The Win-Pressor system allows energy from the wind to be stored for use on days when there is no wind.

"We have a customer with 14,000 gal. of storage," Hochstetler says, noting that customers (many Amish) use pneumatic tools and air equipment in their businesses. Others use compressed air for pumping water or aerating ponds.

The Win-Pressor comes in three sizes. The JKU 1 1/2 hp model (\$2,995) has an 11-ft.



Unit mostly assembled in shop.

rotor diameter. Hochstetler recommends a minimum of 3,000 gal. storage for it. The R15 5 hp model (\$4,250) has a 16-ft. rotor diameter, with recommended storage of at least 5,000 gal. We now have an R30 10 hp (\$6,250) has a 18-ft. 4 in. rotor diameter.

They come with condenser tanks and Jenny air compressors that have been customized to work with the turbines and have manual and automatic shutdown features.

"They come with everything but the tower," Hochstetler says, adding that he can arrange to put up towers if the customer lives near his Unity, Maine, company. Towers need to be at least 50 ft. tall.



Win-Pressor turbines are designed to produce compressed air instead of electricity. Photo at upper left shows unit in gear. Photo at lower left shows unit furlled and out of gear.

"I tell potential customers that if the average wind speed is less than 10 mph I don't recommend this unit," Hochstetler says.

Even where there is good wind, customers need a backup unit if they use an air compressor on a regular basis.

"We use our unit for pneumatic tools, for fans in the greenhouses, to pump water and to run an air motor under a washing machine, but we still have a standby compressor (diesel powered)," Hochstetler says.

Contact: FARM SHOW Followup, Ervin Hochstetler, Win-Pressor Co., 336 Stagecoach Rd., Unity, Maine 04988 (ph 207 948-4800).