



New tires have thicker sidewalls to prevent collapse, even at pressures as low as 7 psi.

GROUND PRESSURE COMPARABLE TO RUBBER-BELTED TRACKS

Low-Pressure Tires Work Like Tracks

An extra wide low pressure tire imported from Sweden exerts ground pressure comparable to rubber tracks on a Caterpillar Challenger tractor, says Trelleborg, the manufacturer.

The bias-belted tire is designed to operate with pressure as low as 7 psi. It has a wide flat surface with no crown, and extra-deep lugs. Sizes are available for tractors, combines, implements, etc.

"The bias-belted construction of these tires, combined with thick sidewalls, lets you reduce air pressure without collapsing the sidewalls," says distributor John Gayton, LaGrange, Ill. "Conventional radial tires are narrower and have a more rounded face, with a weaker and more flexible sidewall that causes the tractor to bounce up and down more."

John Steinberger, Kenmore, N. Dak., was one of the first farmers in the U.S. to try Trelleborg tires. He mounted 25.6 by 38 tires on his Versatile 875 4-WD tractor and

used it last spring to seed about 2,000 acres of wheat. He also did some plowing. "The tires greatly reduced wheel slippage and reduced soil compaction," says Steinberger. "I bought the tractor used for \$35,000. The cheapest used Challenger I could find cost \$75,000. The tractor was equipped with 20.8 by 38 dual tires that were worn out. "The new tires cost about twice as much as conventional radial tires. I spent about \$12,000 whereas conventional radial tires would have cost me at least \$8,800. However, the new tires ride smooth with no power hop. They don't make deep tracks which eliminates the need to make another separate trip to work up tracks before seeding. They ride like car tires on the road, even in cold weather."

Contact: FARM SHOW Followup, Trelleborg Tire North America, 5311 South Ninth Ave., LaGrange, Ill. 60525 (ph 708 354-1717).

"BETTER THAN AN IN-BETWEEN TANK"

Tow-Behind "Row Tracker" Spray Tank

This new 2-wheel, 1,000-gal. spray tank caddy is equipped with a gooseneck hitch, adjustable axles, and narrow 18.4 by 26 tires that the manufacturer says allows you to apply liquid fertilizer or herbicides with a planter and/or at seedbed preparation more easily than with "in-between" units.

The Dempster "Row Tracker" comes with a gooseneck hitch available in three lengths and three heights. "Pulling a tank with a gooseneck lets you keep your planter or implement right behind the tractor for better accuracy and lets you turn sharper than with 'in-between' tanks," says Dempster.

The two narrow wheels fit between most rows. Axle width can be adjusted for various row spacings and can also be moved 14 in. forward or backward to balance the weight of the tank.

Unit is equipped with a self-contained, ground-driven metering pump and Raven sprayer control system. It can be equipped with a 45-ft. spray boom. Optional 48 by 31 by 20 Terra tires are available.

Sells for \$11,000 to \$16,000. Contact: FARM SHOW Followup, Dempster Industries Inc., Beatrice, Neb. 68310 (ph 800 777-0212 or 402 223-4026).



You can pull "Active Harrow" behind any tillage tool or use it by itself.

6-FT. LONG SECTIONS CAN BE PULLED BEHIND ANY TILLAGE EQUIPMENT

New "Aggressive" Add-On Rotary Harrow

A new add-on rotary harrow equipped with angled steel spikes designed to do a more aggressive job of tilling than conventional harrows or rolling baskets, can be pulled behind disks, field cultivators, blade plows, chisel plows, or even air seeders, according to High-Line Mfg., Vonda, Sask.

The "Active Harrow" consists of 8-in. dia. steel drums fitted with heavy-duty 5-in. spikes. The 6-ft. long steel drums are supported by 1 1/4-in. dia. self-aligning steel bearings. The last 2 in. of each spike is bent back at an angle. The drum hitch clamps onto the frame of the tillage implement at an angle that can be changed by simply adjusting a bolt.

"It's simple to use and lets you switch to a conservation tillage system without spending a lot of money," says Raymond J. Bussiere, president. "Most other rotary harrows are designed to be used only on their own and have straight spikes that can plug up in rocks or heavy straw. You can pull our harrow behind any tillage tool or use it by itself. It lets you prepare seedbeds and incorporate herbicides in heavy stubble without plugging up even in the heaviest trash conditions or rocky soil.

"The key is that the spikes are tilted to the side and bent back. When the spike first comes into contact with the soil, the bent end is almost parallel with the ground. As the spike penetrates the soil, the offset rolling drum causes it to travel through the soil at an angle for superior mixing and leveling without dragging or burying the trash. Straw and weeds are deposited on the soil surface, shielding topsoil from wind erosion and moisture loss.

"Because the end of each spike is travel-



Because the end of each spike is straight up as it leaves the soil, straw and weeds don't wrap around drum.

ing almost straight up as it leaves the soil, it's almost impossible for straw and weeds to wrap around the drum. Stubble is left turned up on end, standing up in the soil like individual little straw pegs and arranged evenly to cover the entire soil surface without piling. Setting the drums at a steep angle causes the spikes to dig more aggressively which works great for incorporating herbicides."

Mounted harrows that attach to tillage implements come in 4 1/2 to 6-ft. widths and sell for \$125 per foot. Self-contained harrows are available in 40 to 80-ft. widths. Harrow packer bars are also available, in widths from 40 to 70 ft. A spray kit attachment is available for all models.

For more information, contact: FARM SHOW Followup, High-Line Mfg. Inc., Box 307, Vonda, Sask. Canada S0K 4N0 (ph 306 258-2233).



Dempster Tracker's narrow wheels fit between rows. Sprayer is powered by a ground-driven pump.