

## AUTOMATICALLY SEALS PUNCTURES

# New Liquid Sealer Prevents Flat Tires

Punctures in car, truck or tractor tires are sealed automatically with Tru-Ride, a liquid tire sealer, balancer and coolant manufactured by Tri-Texas, of Arlington, Tex.

Said to work equally well on over-the-road vehicles, or on tractors and other off-the-road equipment, it's installed in minutes through the valve stem into tubeless or tube tires. No expensive equipment is needed to permanently seal and balance most tires, according to the manufacturer.

"Tru-Ride utilizes the principle of centrifugal force. In any rotating mass, centrifugal force causes pressure to be exerted in an outward direction. It is this outward pressure that forces the sealer to coat the inside of the tire with a film, and which causes the sealant to seek out and seal openings in the air chamber of the tire. When a puncture occurs, the fibrous component of Tru-Ride surrounds the puncturing object, preventing pressure loss. The material will seal 50 to 75% of all punctures up to and including 1/4 in. in size," according to the manufacturer.

Tru-Ride is available in 5 gal. containers, at \$280 each, plus \$35 for a hand pump to inject it into tires through the valve stem. It's also available in cases of 15 32-oz. cartridges which cost \$187.50 per case, plus \$6 for an injector gun. Also available is a \$39.95 sample kit which includes three 32-oz. cartridges and gun.

Actual cost per tire depends on tire



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size. For example, a 10 by 20 truck tire would require approximately 48 oz. of Tru-Ride and would cost \$16.80 to fill.

For more details, contact: FARM SHOW Followup, Wabash Valley Tru-Ride, Rt. 6, Crawfordsville, Ind. 47933 (ph 317 794-4272).



**Tractor weighs 140,000 lbs.; has two 335 hp engines, each driving 4 wheels on one side.**

**STEERS AND MANEUVERS LIKE A SKID-STEER LOADER**

## First 8-Wheel Drive Tractor In Production

An 8-wheel drive 670 hp tractor with the same steering and maneuverability of a skid-steer loader — believed to be the first of its kind in commercial production — is new from the Melrose Multi-Wheel Co., Longmount, Colo.

Although initial models rolling off the assembly line have been designed primarily for clearing land and strip-mining coal, its developers feel the new high-horsepower tractor's 8-wheel drive and maneuverability will find favor with large farmers.

It's equipped with two 335 hp engines (choice of Cummins, Caterpillar or GM). One engine drives the four wheels on one side, and the other engine the 4 wheels on the opposite side. Running the wheels forward on one side, and in reverse on the other, gives you the maneuverability of a skid-steer loader, explains Jim Huff, marketing director. There is a foot-operated throttle for each engine, and individual foot-operated brake pedals.

Seven Melrose Multi-Wheel M870 "power modules" have been built and sold. The two 335 diesel engines, each coupled with a four speed power shift transmission, provide a full range of operating gears with road speeds up to 15 mph in both directions.

The new 8-wheeler is designed as the basic power module for a variety of attachments, including a 22 ft. by 7 ft. angle blade, push blocks and rippers. Blade control is achieved by

centermounting the attachments on the push axis of the M870. Combined with the weight, horsepower and all-wheel drive, it can be used in a wide range of land clearing, mining and farming operations, according to the manufacturer.

Here are other key specs:

**Drive train (each side):** The transmission is a Clark 8420 power shift with 4 speeds forward, 4 reverse, and full-power shifting through hydraulically actuated multiple disc clutches. Rockwell International 800 series planetary wheelend has a 5.21 to 1 ratio. Heavy duty positive, all-wheel chain drive (100-4 roller chain with 4 to 1 ratio on the primary drive).

**Travel speeds:** Four forward and four reverse speeds at 2.1, 3.9, 7.4 and 13.7 mph.

**Tires:** Standard for dirt are 29.5 by 29.34 ply.

**Hydraulics:** Capacity of the open center system is 112 gpm.

**Dimensions:** Measures 16 ft. to top of cab, 30 ft., 6.5 in. long, and 15 ft. wide. Frame alone weighs 60,000 lbs. Complete unit weighs right at 140,000 lbs.

For more details, contact: FARM SHOW Followup, Melrose Multi-Wheel, Les Melroe, Pres., Box 1059, Longmount, Colo. 80501 (ph 303 776-0490).

## MONITORS DEW MOISTURE

# "Bale Alert" Signals Best Time to Bale

New from Kaylor Ag Products is the Bale Alert, a simple alarm that automatically awakens you when dew moisture is just right for baling.

"Many farmers, particularly in Western states, like to bale in the dark when there's heavy dew on the hay to prevent shattering. With this alarm, there's no guesswork, and no needless interruption of sleep, in determining when there's enough dew to go baling," explains the manufacturer.

The Bale Alert is constructed in two parts. The sending unit measures the humidity in the air and is adjustable from 20 to 80% relative humidity. This unit must be placed in freely circulating outside air by placing it on an outside wall, or in an open window. The second part contains a

buzzer, electrical cord, and an on-off switch. It's plugged into the sending unit and placed on a night stand next to your bed.

To operate, you simply adjust the sending unit to a desired humidity (usually 60%), and turn the buzzer switch to the on position. When humidity outside reaches the preset humidity, the buzzer goes off.

A battery-operated portable unit is available for use in the field. The plug-in 110 V Bale Alert sells for \$60, plus \$5 for shipping and handling.

For more details, contact: FARM SHOW Followup, Kaylor Ag Products, 8728 Spring Lake Road, Klamath Falls, Oreg. 97601 (ph 503 884-9560).