



Fast Way To Inflate, Deflate Tractor Tires

Inflating or deflating huge tractor tires when moving from road to field travel, or vice versa, is a slow, tedious job, especially during spring planting when time is money.

A German firm (Posges & Tigges) has introduced a revolutionary low-cost "Air-booster" kit that moves air in or out of big tractor tires with lightning-like speed, reducing the time it takes to inflate tractor tires from minutes to seconds.

The kit consists of large 1/2-in. dia. screw-in adaptors which replace the original valve core, 15 ft. of hose and a hand-held device with a built-in pressure gauge and control valve. To deflate a tire, you simply place the device over the valve stem and flip the control switch to the "deflate" position. The built-in gauge gives you a continuous air-pressure reading as the tire is deflated or inflated.

The kit sells in Europe for right at \$225.

If you want the ultimate in air pressure control of tractor tires, Posges & Tigges will sell you a system that lets you adjust air pressure of every tire "on the go" right from the tractor seat.

Contact: FARM SHOW Followup, PTG Posges & Tigges, Schiehenweg 30, 41468 Neuss, Germany (ph 021 31 120122).

**Subscribe to
FARM SHOW!**

(See Order Form - page 36)



Home Made Forage Harvester

John Tomlinson's family operates a 450-acre dairy farm in England (near Holt, Wresham, Clwyd) while he looks after the farm's custom silaging business. He wanted a high output, self-propelled forage harvester, but wasn't prepared to saddle himself with the costs of buying and running a new factory-built unit costing about \$140,000.

His answer was to build his own self-propelled forager with two engines. A 280 hp Cummins engine sits just below the

front axle and powers the front-mounted forager through a nine-speed gearbox.

Meanwhile, an 80 hp Perkins sends power through a second nine-speed gearbox to the forager's rear wheels. It also powers steering and operates the chopper's hydraulics. The home-built machine performed with flying colors last year on 1,200 harvested acres. Tomlinson figures he spent 120 days and about \$30,000 to build the powerful machine in his own workshop.

(Farmers Weekly)



New "Single Arm" Skid Steer Loader

New from JCB Sales in England is a "single arm" skid steer loader, designed to give the operator safer side access in and out of the cab.

A ROPS and FOPS safety cab with hinged door for safe and easy side entry is standard. For greater comfort, an optional cab equipped with a shatterproof windshield is available.

The largest of two "single arm" models

boasts 1,432 lbs. lift capacity at full height; a dump height of 7 ft., 4 in.; a loadover height of 8 ft., 10 in.; and 39 in. of reach at maximum height. It's self-leveling for attachments and powered by a 4-cyl., 42 hp engine.

Contact: FARM SHOW Followup, JCB Sales Ltd., Rocester, Staffordshire ST14 5JP, England (ph 0889 590312).



New High Speed Haulage Tractor

New from SEM Engineering in England is what the company calls a "High Speed Haulage Tractor."

It's basically a "plane Jane" workhorse designed for world-wide use at high speed travel—up to 30 mph—over varied terrain. It doesn't have a pto, air conditioning, stereo and other "fancy frills" found on conventional tractors. What it does have is the ability to boost hauling capacity by dramatically speeding up journey times, particularly over rugged terrain.

The key to its high speed capability is its SEM-designed front axle and fully floating coil spring suspension system that isolates the vehicle from the serious affects of high speed travel over rough terrain and unimproved road surfaces.

Other features include a Ford Powerstar 7.5 liter engine, hydrostatic steering, 6 speed Power Mesh transmission with torque converter, air-over-hydraulics brakes, hydraulics and an on-board air compressor system.

Contact: FARM SHOW Followup, SEM Engineering Ltd., Swinborne Road, Burnt Mills Industrial Estate, Essex SS13 1EF, England. (ph 0268 590099).



Deutz Unveils Giant Self-Propelled "Square Bale" Baler

At first glance, it looks like a huge combine. But look closer and you'll discover that this new monster machine from Deutz-Fahr is a baler - the world's first and only self-propelled baler for making big square bales of hay, straw or silage.

Powered by a 223 hp 6-cyl. engine, the self-propelled PowerPress 120H produces 70 to 100 bales per hour. Bale dimensions are 4 ft. by 2.8 ft. by 8 ft., 3 in. Bale length can be adjusted down to 4 ft.

Equipped with a 27 ft. wide header, the PowerPress can pick up two swaths of straw from the largest of combines in one pass.

Bales are automatically stacked on an optional eight-bale accumulator as they're made. The accumulator doubles as a trailer for carrying the header for road transport.

The baler mechanism comes from the east-German maker Fortschritt. The rest of the machine is from the Deutz-Fahr line of Top-Liner combines, including the com-



fort Commander-2 cab, complete with joystick control and air conditioning. A remote camera provides a view of the baler mecha-

nism on a TV screen in the cab. Electronic monitors keep an eye on the machine's major components.

Photo courtesy Farm Contractor

Retails for right at \$150,000 in Europe.