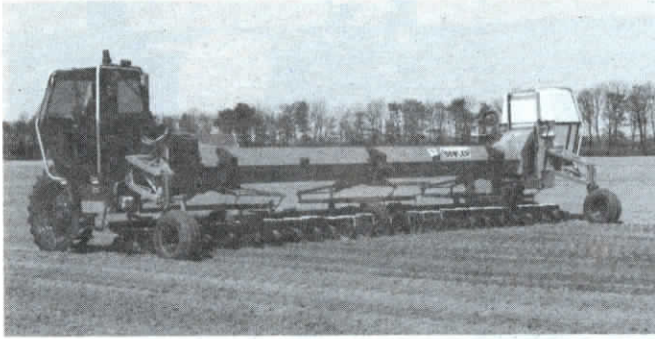


## HIGHLIGHTS FROM ENGLAND'S "ROYAL SHOW"

# Latest New Products From Europe On Parade



### 40-Ft. Wide Tractor Now On Market

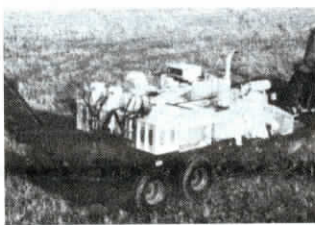
Innovative new 40-ft. wide "gantry" tractor will pay for itself in increased yields due to reduced compaction, according to the manufacturer, Dowler Gantry Systems, Ltd. The tractor is designed to run on semi-permanent roadways at 36-ft. intervals for cultivating, seeding, spraying, applying fertilizer and all other field chores other than plowing and harvesting. The operator steers with a single lever from a cab situated at one end of the big hexagonal steel plate frame. A spray tank mounts at the end opposite the cab. The tractor is powered hydraulically and weighs about 5 1/2 tons. Contact: FARM SHOW Followup, Dowler Gantry Systems Ltd., Stamford Hall Farm, Pilverton Priors, Warwick, England CV35 0PL.

### On-The-Go Straw Wafering Machine

A revolutionary new straw "wafering" machine made its public debut at the Royal Show. It has two big "die wheel" drums that compress straw into 2 by 4-in. wafers about an inch thick.

Developed by the British Society of Research in Agricultural Engineering, a public-funded research outfit that licenses its inventions to private businesses, the machine is fitted with its own 6-cyl. turbo-charged engine to power the wafer drums, the conveyor that feeds the drums, and the unloading conveyor that carries the wafers to a trailing wagon or truck. The pto on the pulling tractor provides power to the straw pickup and the "precompactor" ahead of the drums.

The 4-ft. dia. main rolls are driven by large, intermeshing ring gears mounted on top of each roll. Four low-speed, high torque hydraulic motors provide the power. The rolls turn at a speed of 5 rpm's to produce 5 to 6 tons of wafers per hour. Speed can be regulated easily using electronic controls on the engine-mounted hydraulic pumps. Other components, such



as the feed and unload conveyors, are also hydraulic-powered and can be controlled manually.

The dense straw wafers take up only a fraction of the space required for straw bales and they can be much more easily used as a source of fuel once they're condensed. Mike Neale and John Reed, engineers on the project, say the machine took 18 mos. to design and build. They tested it in the field for the first time in 1988 and they're doing further testing this season.

Contact: FARM SHOW Followup, BSRAE, Wrest Park, Silsoe, Bedford MK45 4HS (ph 0525 60000).

### Ground-Driven 2-Row Push Sprayer

When this nifty new 2-row sprayer is pushed forward, its large diameter wheel directly drives a spray pump. When the operator stops pushing the sprayer forward, the pump stops, too.

The "Walkover" sprayer is designed for nursery work and for large gardens or small crop acreage. It has a 6 gal. tank, an easy-to-read pressure gauge, a stainless steel tank filter and an in-line filter. The small boom allows infinite nozzle adjustment width or angle. The sprayer is designed to operate at low speeds of approximately 2 mph and will work with all types of herbicides and pesticides.

Contact: FARM SHOW Followup, Walkover Sprayers, Ltd., 21 London Rd., Great Shelford, Cambridge, England CB2 5DF.



### First 2-Bale Silage Wrapper

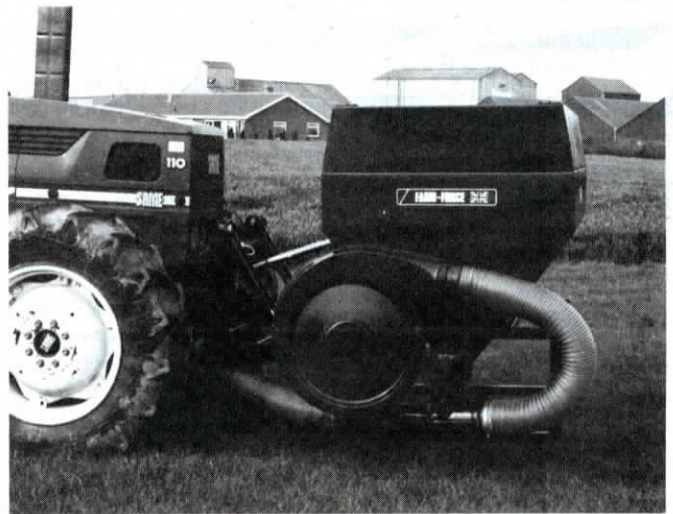
Making silage out of big bales has become common practice in England and now a manufacturer has come out with the first bale wrapper that'll wrap two bales at once..

Developed by William Cook Engineers, Ltd., the new machine has two hydraulic-powered turntables with separate plastic wrapping tensioner arms. Both bale wrappers can be used at the same time or independently. Each wrapper has three powered rollers which allows them to easily

handle misshapen bales. The adjustable tensioner arms can be set to make up to a 50% overlap when wrapping to seal the bales up air tight.

A single large tractor, or two smaller tractors, can be used to provide hydraulic power to the wrapper. The machine is fitted with lights, brakes, and a ball hitch.

Contact: FARM SHOW Followup, William Cook Engineers Ltd., Nursery Lane, Fengate, Peterborough, England PE1 5BE.



### Up-Front Hopper Adds Protein To Round Bales

You can improve the quality of your big round bales by adding grain or other supplements to big round bales as you make them using a new front-mounted hopper blower from England.

The unit is fitted with a hydraulically-driven blower and metering auger. The grain or pellets are blown through a 4-in. dia. hose to the pickup reel of the round baler. Application rates can be varied from 22 lbs. to 220 lbs. per ton of hay. In-cab controls let you vary the applicator rate and there is a visible check-gauge that lets you

easily monitor the flow of supplement.

The up-front blower can be mounted on a front 3-pt. or attached directly to the tractor frame. In addition to adding supplements to grain, it can also be used to transfer seed to drills or planters and left in place as an extra-capacity hopper when planting.

Contact: FARM SHOW Followup, Farm Force Engineering, Ltd., Units 1 & 2, Cran- swick Industrial Estate, Driffield, North Humberside, England YO25 9QE.