

Latest New Products From England's Smithfield Show

Associate Editor Bill Gergen recently attended the United Kingdom's largest farm show, the Royal Smithfield in London, England. The show is held every other year, usually in November. Hundreds of companies from all over Europe fill the exhibition halls with their latest machinery developments. Featured here are some of the new products that caught his eye.



Lower section of rollers on Tanco's new baler serves as a wrapping turntable.

Round Baler Wraps Bales In Plastic

After this first-of-its-kind round baler is done making a bale, it shifts into a different mode, wrapping the entire bale tightly in plastic before ejecting it onto the ground.

"It eliminates the need for a separate bale-wrapping machine," says the manufacturer, noting that the top of the roller-type bale chamber raises up hydraulically while the bale is being wrapped. The lower section of rollers then serves as a wrapping turntable.

Two rolls of plastic, mounted on rotating arms, wrap the bale as it's rotated by rollers.

The machine has its own independent hydraulics. It will bale and wrap an average of 30 silage bales per hour.

Contact: FARM SHOW Followup, Tanco Engineering Co. Ltd., Bagenalstown, County Carlow, Ireland (ph 011 353 00353-503-21336; fax 011 353 00353-503 -21737; E-mail: lee@tanco.ie).

Tire Features All-New Tread Design

Farmers at the show crowded around these new tires which have a tread design unlike anything on the market.

Lugs are closer together at the center and farther apart at the outer edges of the tires. Because the lugs are closer together at the center, there's more surface contact so the tires ride more smoothly on the road, especially at high speeds. The manufacturer says there's 10 percent less rolling resistance on the road.

The increased distance between lugs at the outer edges of the tires boosts traction because the tires self-clean better. Also, the lugs are longer than normal, running farther out onto the shoulders of low-pressure tires.

Contact: FARM SHOW Followup, Vredestein (UK) Ltd., Unit D, Whittle Close, Park Farm Industrial Estate, Wellingborough, Northants, NN8 6TY (ph 011 44 1933-67770; fax 011 44 1933-675329; E-mail:



Lugs on Vredestein tire are closer together at center and farther apart at outer edges.

info@vredestein.com; Website: www.vredestein.com).

Loader-Mounted "Bucket Brush"



Hydraulic-powered brush attaches to special collection bucket.

You can sweep up mud, manure, and other debris with this bucket-mounted brush.

It consists of a 22-in. dia. nylon brush attached to a special collection bucket. The brush is powered by a hydraulic motor. When the bucket is full, the brush lifts out of the



When bucket is full, loader is raised and brush lifted out of the way to dump.

way to dump. Contact: FARM SHOW Followup, Sutton Agricultural Machinery, Gurney Reeve & Co. Ltd., Sutton, Wymondham, Norfolk, England NR18 9SR (ph 011 44 1953-603303; fax 011 44 1953-601331).

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Non-Stop Round Baler

Geoff Eyre continues to get a lot of attention for his first-of-its-kind non-stop baler, which has been featured previously in FARM SHOW (Vol 22, No. 4). Eyre says his baler works twice as fast as today's fastest round baler.

His prototype is based on a Claas Rollant, turned through 90° and fed by a modified pickup. As a bale in the chamber finishes and the wrap cycle starts, the bale chamber entrance is blocked and hay starts to roll on the hay "elevator", forming a soft mini bale. After 12 to 15 seconds, the wrap/eject cycle finishes, at which point the mini bale is swept into the chamber. The roller then quickly closes back to normal working height and the main bale forms.

Eyre hopes to complete testing this year on the non-stop concept.

Contact: FARM SHOW Followup, Geoff Eyre, Mill Farm House, Brough Bradwell, Hope Valley, Derbyshire, England.



Baler's double wide bale chamber runs at right angles to direction of travel. There's no need to wait for bales to be wrapped.



Hollow spear has 3-ft. long perforated section at bottom. You screw spear down into pile, then attach a blower to top of spear to blow cool air into grain.

Hot Spot Grain "Spears"

You don't see many round metal grain bins in England, but there is a lot of flat storage and this new "grain spear" is designed to quickly cool down hot spots.

The hollow spears are 4 in. in dia. and 7 ft. long, with a 3-ft. long perforated section at the bottom and a T-handle at the top. The entire length of the spear has flighting on it. You grab the handle and screw the spear down into the grain. Then you attach a fan,

operated by a small electric motor, on top of the spear to blow cool air into the grain. Each spear covers an area about 9 ft. in dia.

Contact: FARM SHOW Followup, Spaldings (UK) Limited, Sadler Road, Lincoln LN6 3XJ (ph 011 44 1522-500600; fax 011 44 1522-689011; E-mail: marketing@spaldings.co.uk; Website: www.spaldings.co.uk).



Sheep in position, ready to be turned upside down.

Sheep Turnover Crate

Sheep producers will like this "sheep turnover crate" that allows you to easily tip animals upside down. The crate turns on its own axis and is equipped with a large wheel and handle at each end.



To tip the animal you simply rotate one of the large wheels at each end of crate.

Contact: FARM SHOW Followup, Industrial & Agricultural Engineers, Riverside Works, Macclesfield Rd., Leek, Staffordshire ST13 8LB (ph 011 44 1538-399200; fax 011 44 1538-373005).