



## Grain Weigher

Vicon scored an industry "first" at the Royal with its new "Yield Per Field" combine grain weigher. It attaches directly to the combine discharge auger, with a control box in the combine cab which gives a direct reading of the weight of every tankful of grain, or grass seed. Any crop the combine can handle can be weighed accurately (to a  $\pm .5\%$ ) by the weigher, according to Vicon. A running tally of the total amount of grain that has been taken off a field is also displayed on the digital control panel. In addition, at the touch of a button, the control converts high-moisture weight of grain to a bin-dry yield. Throughout the day, as moisture content of the crop changes, a new moisture value can be entered into the control box.

The device can be removed and used on high-speed augers to weigh grain going in or out of storage.

For more information, contact: FARM SHOW Followup, Vicon Ltd., Box 10, Lovetofts Drive, Ipswich, England IP15NS (ph 0473-47321).



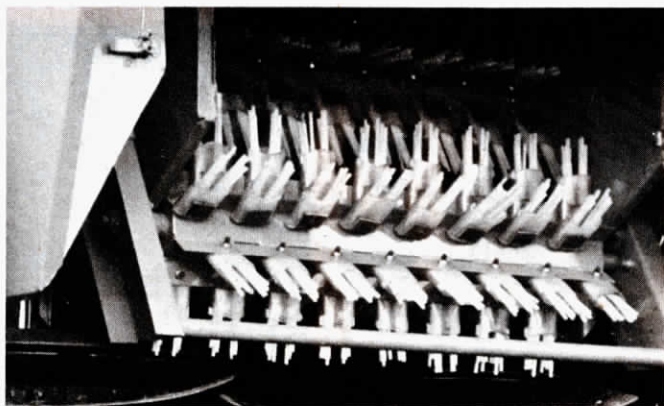
## Fence Post Pointer

You can drive wood posts into the ground by hand — just like steel posts — after they've been "pointed" with the new Hy-Point. It puts a sharp point on any post or stake up to 6 in. in dia., and over 20 in. long.

When you insert the post, the end depresses a trigger which activates the blades. After the first cut, the post is withdrawn far enough to release the trigger and the blades return to reset. The post is then turned 90° and the trigger depressed once more to reactivate the blades.

The Hy-Point can process 250 posts per hour. The blades are easily removed for sharpening and are adjusted by 2 setscrews. Pieces cut off the posts make ideal firewood.

For more information, contact: FARM SHOW Followup, Hydrocut Ltd., Sudbury, Suffolk, England CO106HB (ph 0787-71171).



## Brush-Type Mower Conditioner

The world's first brush-type mower conditioner was exhibited at the Royal Show by Archie Kidd, Ltd.

The new conditioning system is claimed to have many advantages over steel-rubber ribbed rollers, and steel tines, which together account for the bulk of the conditioners now on the market. "We already have a licensing agreement with two other manufacturers who have introduced mowers equipped with our patented, new brush-type conditioner. Several U.S. companies are taking a close look at it," Richard Burman, sales director, told FARM SHOW.

The brush-type device is made up of tufted polypropylene brushes. "It does not break or over-bruise, but gently scratches the leaves to take off most of the wax. A fluffy, light swath is left behind the machine," Burman explains. "Field tests show that when a brush conditioner is used, drying time is 55% less than when no conditioner is used. When compared

with steel-tine conditioners, our brush system produced 22% faster drying."

The Archie Kidd Co. offers the brush conditioner on a 2-drum rotary mower. A pair of contra-rotating rollers are each equipped with 6 rolls of tufted brushes and the rollers positioned to give a 50 mm. mesh. Each roll has 8 tufts, with each tuft comprising a total of 10 filaments of long-life polypropylene. The conditioner is pto-driven with power to the top roller, and a gear drive to the bottom roller. Two different speeds are possible (1080 rpm and 730 rpm) for varying the rate of conditioning. Changing from one speed to another is a simple process of changing the drive sprockets.

For more information, contact: FARM SHOW Followup, Richard Burman, sales director, Archie Kidd Ltd., Devizes, Wilts, England SN102HP (ph 03802561).



## Sludge-Buster For Slurry Tanks

Above-ground slurry tanks that had to be abandoned because of heavy crusting and sludge build-up are back in service, thanks to the new Tank Master.

It mounts on the tractor 3-pt. and reaches up and over the side of the tank via hydraulic cylinders to "unslug" slugged slurry tanks.

In one case, a farmer's abandoned 240,000 gal. 50 ft. dia. Slurrystore was rendered useless by a 5 ft. crust. After 11 hours of operation with the Tank Master, from only one access point, the entire crust was converted into a uniform slurry which was easily emptied from the tank.

Three models are offered in 10, 12 and 15 ft. heights. All models are

equipped with three 24 in. blades that revolve at 540 rpm. "Once a tank is 'unslugged', the Tank Master is used periodically to avoid future crust build-up in the tank. It reduces the entire tank to a slurry of uniform consistency for complete, easy removal when emptying. Hydraulic action of the cylinders allows the blades to "bite" and work their way through the heaviest crusted material in "slugged" tanks, says the manufacturer.

For more information, contact: FARM SHOW Followup, Lancaster Brothers Ltd., Holmemills, Holme, Carnforth, Lancs., England (ph 0524-781106).



## Metal Detector

A new tractor-mounted metal detector introduced by the Wigley Co. will detect most metal objects on, in or under the swath.

The side-mounted detector is tied to a control unit inside the cab. The instant the arm passes over a piece of metal, an audible alarm sounds inside the cab. Traveling at 4 mph, the operator has about 5 seconds to stop the tractor before the piece of metal is picked up by the forage chopper pickup. An optional hand-held metal detector can be used to locate the piece of metal which the tractor-mounted unit has detected.

"Within the next year, we expect to be on the market with a metal detector that will automatically disengage the forage chopper feeding mechanism when a piece of tramp metal is detected. The unit is designed to retro-fit most makes of forage choppers," Ken Wigley told FARM SHOW.

For more information, contact: FARM SHOW Followup, K.C. Wigley & Co., Hole Farm Cottage, Calladine Lane, Shottle, Derbyshire, England DE5 2DY.

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