



Sheep are herded up the trimmer's ramp and over the abrasive belts. A triangular hoof divider keeps their feet on track and in position.

AUTOMATICALLY TRIMS 1,000 PER HOUR

First Of Its Kind Hoof Trimmer

Latest new labor saver for sheep producers is the Surefoot Automatic foot trimmer, introduced by F. W. McConnell, of Ludlow, England. It automatically trims the hooves of 1,000 sheep an hour, compared to about 100 head per day when done by hand with a knife or clippers. R. W. Jones, inventor, told FARM SHOW.

The machine features four belts that move under herringbone ridges and support and divide the hooves as the sheep step on them. The belts are coated with an abrasive industrial finishing material that wears down the sheep's hooves as they walk over them.

A central, triangular leg divider between each pair of belts forces the sheep to walk on the ridges. The sheep cannot be injured, even if they kneel, since the ridges prevent contact with the belt.

"The machine takes advantage of the fact that sheep spread out their hooves to get a grip," explains Jones. "They have to step into the chute and onto the ridges which causes them to spread their hooves to be scraped clean by the belt."

The Surefoot trimmer mounts on a tractor's hydraulic lift and is run by



Photo shows hoof trimmed automatically by the new machine.

the pto. A jet of water that can be medicated cleans the belt as it rotates.

Major maintenance consideration with the trimmer are the belts which generally need to be replaced after an average of 3,500 sheep. The belts can be removed without special tools.

Jones emphasizes that, while the trimmer works fine for sheep, it will not work for trimming cattle hooves.

There is no U.S. distributor as yet for the Surefoot trimmer.

For more details, contact: R. W. Jones, F. W. McConnell Ltd., Temeside Works, Ludlow, Shropshire, SY8 1JL England.

CLEANS BARN FLOORS, FEEDING PLATFORMS

New Water Broom For Fast Cleanup

If you've got more cement floors or feeding platforms than you can keep clean with an ordinary hose or conventional broom, the new Water Broom, powered by normal water pressure, may be the answer.

The multi-nozzle Water Broom comes with either a 42 in. swath (7-jet) or a 30 in. swath (5-jet). Made with all-steel base tube and flow pipe.

Two 2 in. neoprene ball bearing wheels make for easy maneuvering. Comes with an on-off switch located at hand level and hooks up to standard 3/4 in. hose.

The 30 in. Water Broom sells for \$89.95 and the 42 in. model for \$94.95.

For more details, contact: FARM SHOW Followup, James A. Barret, President, Distributor-Sales, P.O. Box 363, Woodstock, Ill. 60098 (ph 815 338-1174).



Largest model water broom is 42 in. wide and has 7 equally-spaced jets.



New hydraulic boom is shown extended to its full length of 15 ft. Lifts up to 2,500 lbs. at this fully-extended point.

LIFTS UP TO 4,000 LBS.

New 3 Pt. Hitch Hydraulic Boom

This new telescoping hydraulic boom is tailor-made for those awkward carrying jobs around the farm. It'll handle heavy loads—up to 4,000 lbs. at its 9 ft. extension, and 2,500 lbs. fully extended to 15 ft.

Manufactured by De Geest Manufacturing Co., Sioux Falls, S. Dak., the Mity Hy Boom adapts to 6,500 lbs. class tractors and larger. It's rated lifting capacities are based on 1,300 psi. Telescoping boom extends to 9, 12 or 15 ft.

The Mity Hy Boom connects and disconnects easily to any 3 pt. hitch.

according to De Geest. Its maximum height from the ground, when extended fully, is 19 ft., 10 in. When at its 9 ft. extension point, the boom is 16 ft. 3 in. from the ground.

The boom rides behind the tractor on two wheels. An optional transport carrier for towing behind a pickup can be purchased for \$325. The Mity Hi Boom itself sells for \$1,595.

For more information, contact: FARM SHOW Followup, De Geest Manufacturing Co., P.O. Box 807, Sioux Falls, S. Dak., 57101 (ph 605 743-5141).