

Ford Disc Mower-Conditioner Uses 5 Cutting Discs

NEW HOLLAND (Lancaster Co.) — A new Discbine® disc mower-conditioner from Ford New Holland is useful in difficult conditions that can pose a problem for sickle bars.

The Model 408 uses five 2,555 rpm disc units to cut an 8-foot by 3-inch swath. No tools are needed to change the discharge from a narrow windrow to a 66-inch swath.

"Intermeshing chevron-design rubber conditioner rolls speed drying and minimize leaf loss in both grass and legume crops," said Joe Weickel, manager. The conditioner is designed to pass slugs without plugging.

"Cutting capacity is excellent," said Weickel, "due to very responsive header flotation and disc cutting that handles fire-ant and gopher mounds and wet stubble conditions that would stall a sickle-type mower." These



The Ford New Holland Model 408 disc mower-conditioner uses five cutting discs and features rubber intermeshing chevron-design conditioner rolls. Discs handle wet, tangled crops with fire-ant or gopher mounds.

machines usually don't even slow down in the wet, lodged and

tangled crops where others stall," said Weickel.

The mower-conditioner maneuvers through narrow gates and lanes. Towing and cutting width are identical because of flip-up side shields and a centered towing position that lets the machine tow directly behind the tractor.

How To Install A Pump

UNIVERSITY PARK (Centre Co.) — A guide to submersible pump installation is available from Penn State Cooperative Extension. The nine-page publication summarizes important standards for the correct installation of submersible pumps in residences. The booklet covers both the mechanical and electrical aspects of installation.

"A home water supply system directly affects the occupants' quality of life and may also affect property values," says Dr. Jon M. Carson, Penn State assistant professor of agricultural engineering and one of the authors of the publication. "Most of us take a consistent supply of clean water for granted. Planning is essential for those replacing or installing a new submersible pump."

Carson says that the pump is the heart of a home water supply system. The selection of a pump and its installation affects the performance, maintenance and costs throughout the water system's operational life.

Carson advises buyers to

explore options before making this major purchase. Once purchased, proper installation and maintenance of the pump should ensure years of reliable service.

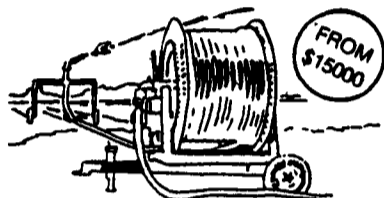
The source of water and how it is distributed determines the submersible pumping system required. Accurate records should be kept on each part of the system for future maintenance needs. These may be important when selling the home.

The water source, the pumping system and the distribution system are the three basic elements that should be considered for a total water supply system. The type of residential installation described in the guide is only one of many used in Pennsylvania. Commercial and agricultural water pumping systems may have similar characteristics but require special design considerations not included in the publication.

The clearly written guide includes drawings, diagrams and a glossary of terms used by building code officials, pump manufacturers, well drillers, plumbers and electricians. There also is a table to help determine the average amount of water used.

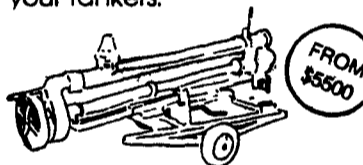
The publication is available from your Penn State Cooperative Extension county office. Ask for Extension Circular 376, titled "Submersible Pump Installation Guide."

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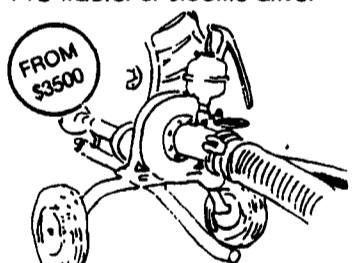
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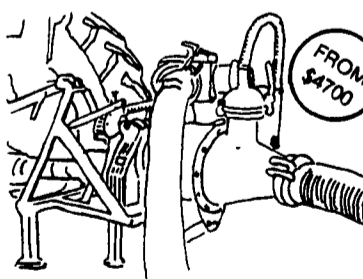
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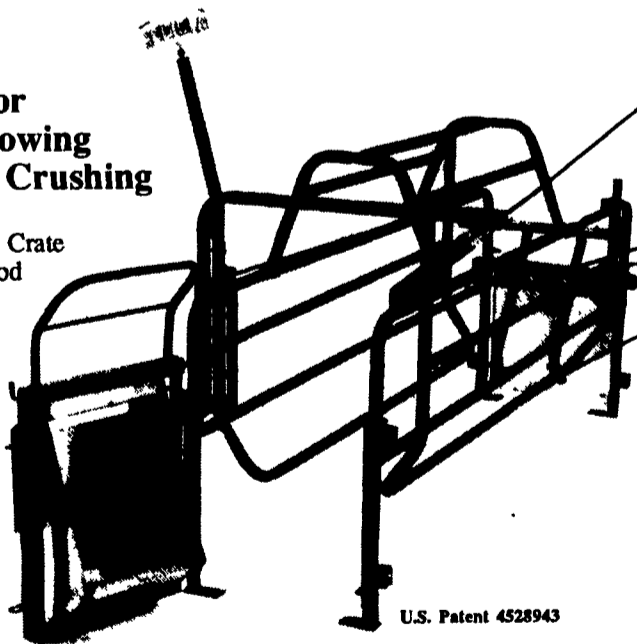
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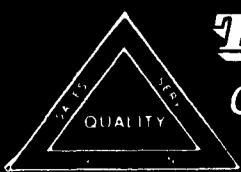


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