

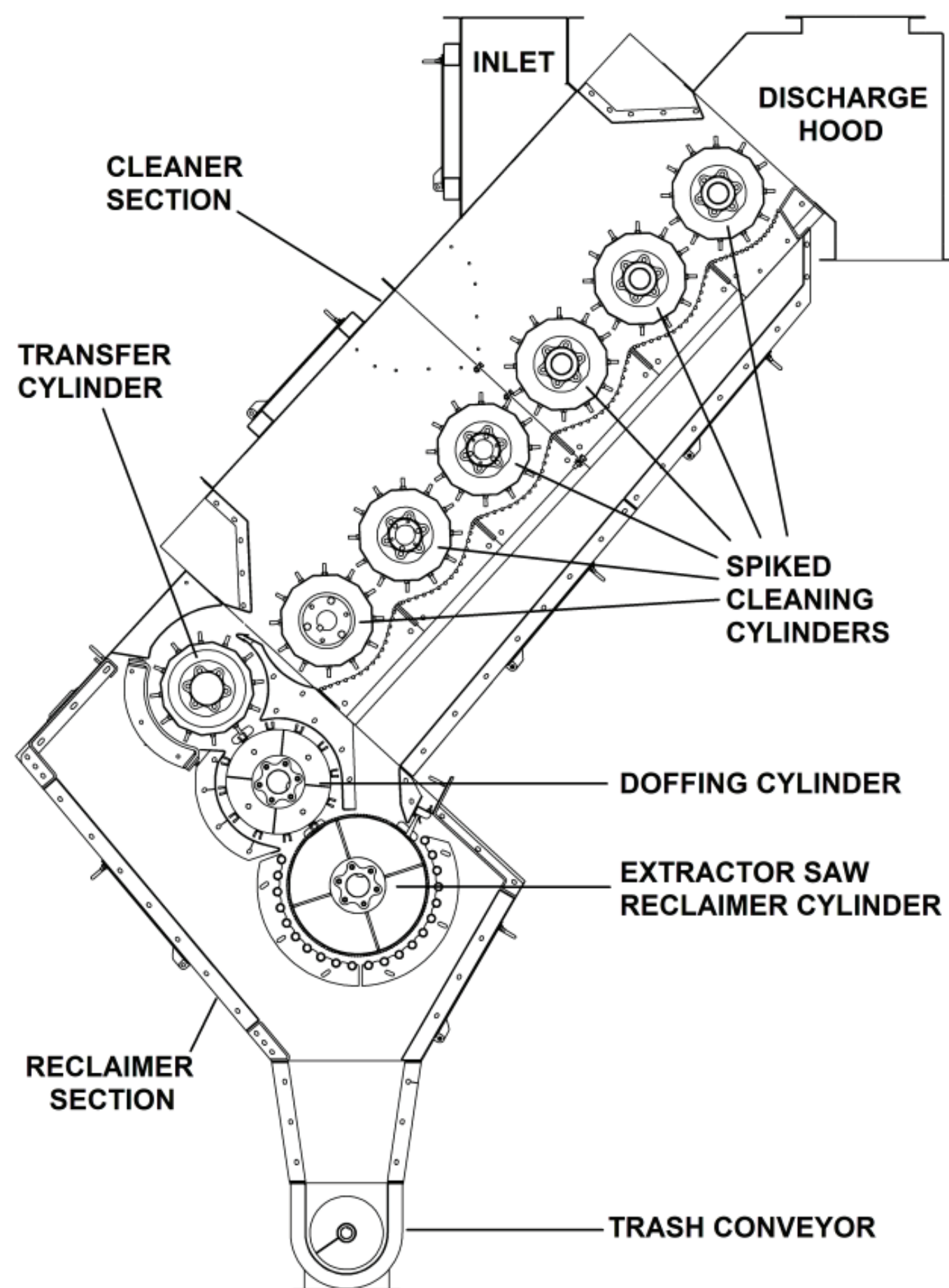
TrashMaster™ Cleaner

A unique cleaning solution for a specific cleaning issue for all types of seed cotton.

- The TrashMaster™ Cleaner is a gravity-fed cylinder-type cleaner, specifically designed to remove bark-type (fibrous) trash from seed cotton.
- A Lummus-exclusive product, the TrashMaster™ is typically installed as the final cleaner in a seed cotton precleaning system, since it is most effective on seed cotton that has been fully dried. However, in some regions, the TrashMaster™ may be installed upstream in the precleaning system.
- Though similar in appearance to a conventional inclined cylinder cleaner, the TrashMaster™ features some unique design aspects that set it apart for its purpose. The grid sections below the spiked cylinders in the Cleaner Section (see diagram at right) are designed with a wider-spacing between the grid rods, so as to allow trash-laden locks of seed cotton to drop into the belly of the cleaner.
- However, instead of this good seed cotton being discharged with the trash, the seed cotton/trash mixture enters the lower Reclaimer Section of the machine, where an Extractor Saw Reclaimer Cylinder has the mixture applied to it through a stationary brush, and this Reclaimer Cylinder uses the Lummus “sling-off” principle to throw off the trash while retaining the good locks. The Doffing Cylinder then moves the good locks of seed cotton to the spiked Transfer Cylinder, which re-introduces the cotton into the Cleaner Section for another pass through the machine.
- The TrashMaster™ can be outfitted with an optional Bypass Valve between it and machine above it (when space allows). This provides for bypass capability when the seed cotton conditions do not warrant the final cleaning the TrashMaster™ provides.



TrashMaster™ Cleaner



Cross-section of TrashMaster™ Cleaner

Features:

- Available in 96", 120" and 144" widths.
- Primary Cleaner Section featuring six (6) Spiked Cylinders and Grid Sections with wider-spaced grid rods.
- Reclaimer Section with Extractor Saw Reclaimer Cylinder, Steel Doffing Cylinder, and spiked Transfer Cylinder.
- The two 3-cylinder sections of the Cleaner Section and the Reclaimer Section all feature integral guard shrouds with thermo-formed guard doors as part of their design.
- All cylinders feature the Lummus exclusive Star-Lobe™ replaceable stub shafts for simplified and lower-cost maintenance.



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