

"Little Giant"™ Stick Machine

Time-proven Design

The "Little Giant"™ Stick Machine is a two-cylinder, extractor-type seed cotton cleaner that uses the Lummus-patented "Sling-Off Principle" to separate large trash from good seed cotton. This basic extractor configuration also comprises the lower section of both the S&GH™ Machine and the Model 700 III™ Feeder.

Seed cotton enters the top of the machine and falls onto an 18-inch saw cylinder. This cylinder has widely spaced grid bars for removing the heavier trash in the mixture. A second 18-inch saw cylinder with more closely spaced grid bars removes finer trash. A single brush cylinder doffs both saw cylinders.

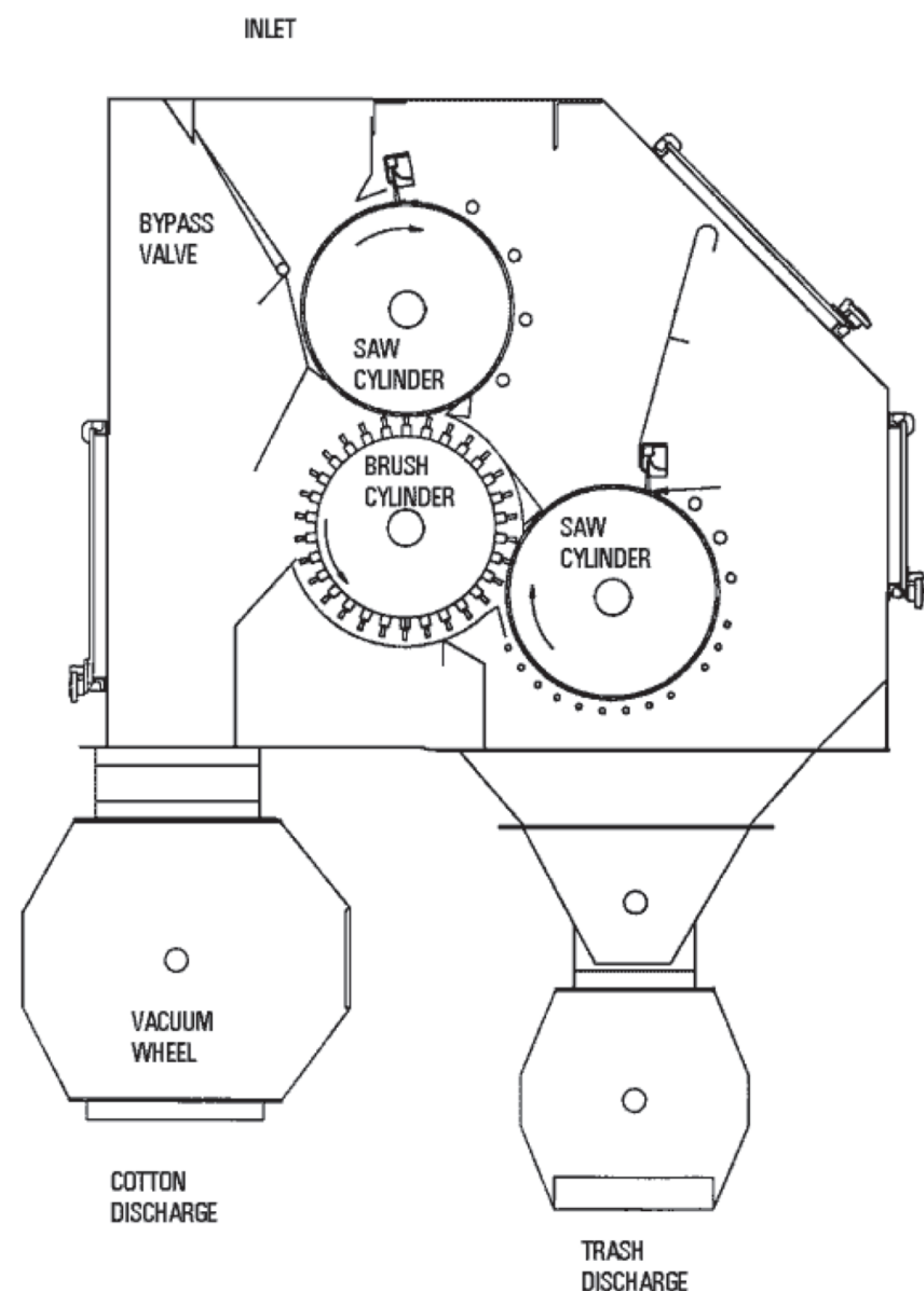
Simplicity of design and increased efficiency mean cotton is subjected to less machinery, which preserves and improves grades.

Features

- Available in two widths: 96" and 144".
- Built-in bypass valve for use when extra cleaning is not needed.
- Large access doors for easy inspection and maintenance.
- Heavy-duty bearings with dust seals.
- Precision engineered.
- Rugged construction.
- Dynamically-balanced saw cylinders reduce upkeep and maintenance.
- Heat-treated saws provide longer wear.
- Channel saws with self-tapping screws permit easy replacement of worn or damaged saw segments.
- Standard accessories, such as deluxe guards with thermo-formed doors, platforms with guard rails, and ladders (or stairways).
- V-Drive from 15-HP motor (96" model) or 25-HP motor (144" wide model).
- Optional Disperser Hopper can be furnished to provide a smooth, steady flow of single-locked seed cotton into the "Little Giant"™ Stick Machine from the Hot Air Cleaner Vacuum Wheel mounted above.
- A field conversion package for existing Lummus "Little Giant"™ Stick Machines (to add the upper S&GH attachment) is available to upgrade the machine to an S&GH™ Machine.



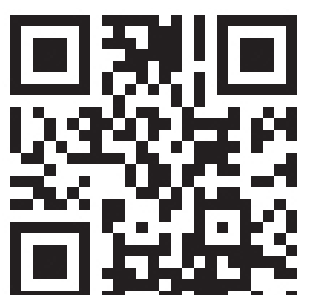
"Little Giant"™ Stick Machine (144" wide model shown with optional Disperser Hopper mounted above)



Cross-section of "Little Giant"™ Machine



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