

3-Saw Stick Machine

Providing effective cleaning and high throughput capacity on all types of seed cotton around the world.

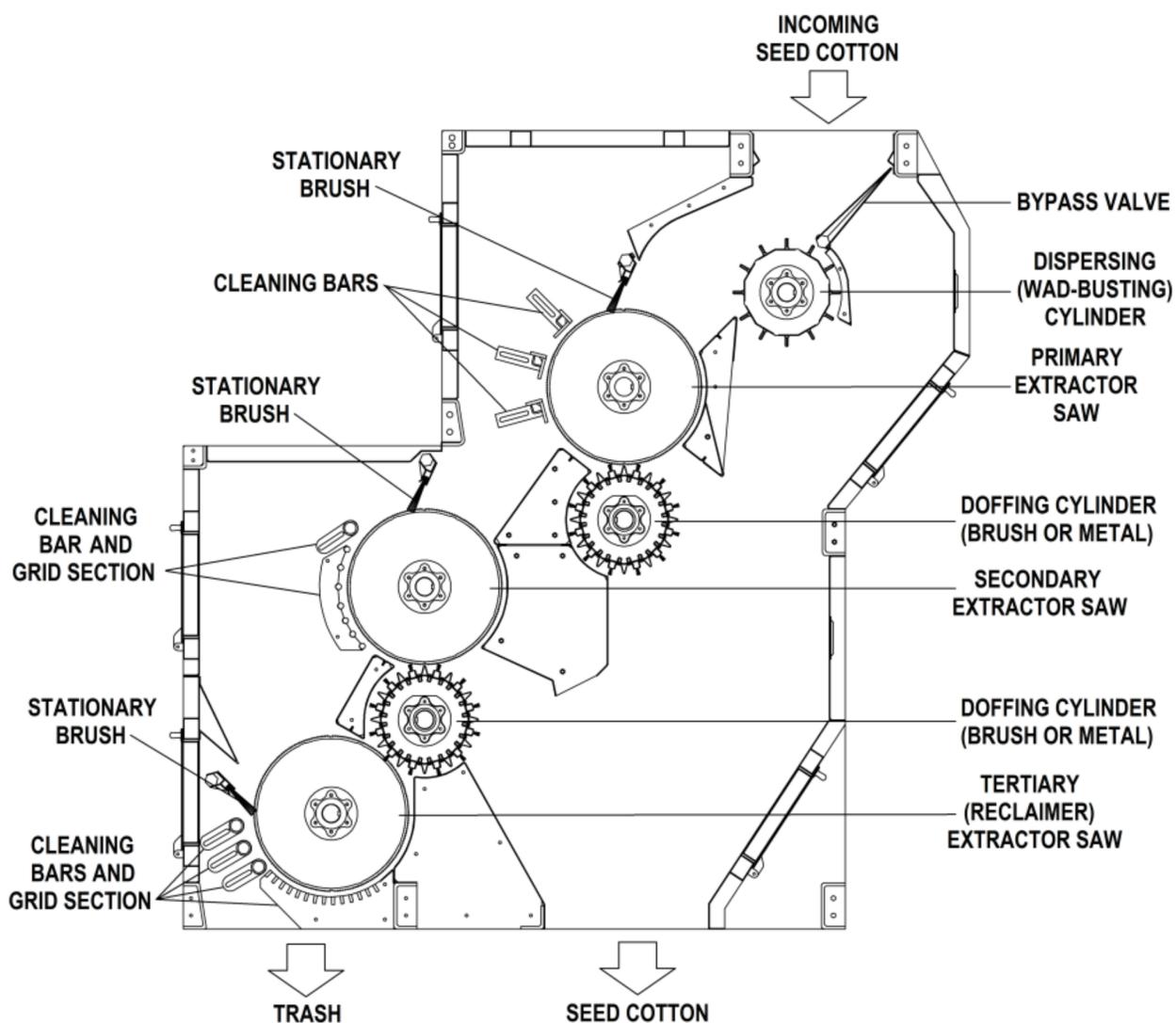
- The 3-Saw Stick Machine is Lummus' latest offering in its seed cotton precleaning machinery line. It is an evolution of the original Belt-Wide Industries design, incorporating a wide range of design improvements.
- Using the Lummus-developed "sling-off" principle of extractor cleaning, the proven 3-saw configuration offers the most effective cleaning with the least possibility for over-machining the cotton.
- Typically installed in the first-stage precleaning system (as shown in the photo on the right), but can be installed as part of the second-stage precleaning over the Conveyor Distributor.
- In regions where the seed cotton is more roughly harvested, the 3-Saw Stick Machine can be mounted in a tandem (stacked) arrangement, allowing for more cleaning when necessary and bypass capability (when conditions do not warrant as much cleaning).



3-Saw Stick Machine

Features:

- Available in 120" and 144" widths.
- Spiked Dispersing (Wad-Busting) Cylinder located in the inlet of the machine.
- Three (3) 20" diameter Extractor Saw Cylinders with high-quality Channel Saws.
- Heavy-duty Stationary Brushes apply the locks of seed cotton effectively to the extractor saws to promote effective cleaning and less fiber loss.
- Two (2) Doffing Cylinders, available in two different styles: Brush-Type (standard) for most types of seed cotton and Metal-Type for rougher-harvested seed cotton (available as an upgrade).
- All cylinders feature the Lummus exclusive Star-Lobe™ replaceable stub shafts for simplified and lower-cost maintenance.
- Primary Extractor Saw features separate Cleaning Bars to allow for precise individual adjustment.
- Secondary and Tertiary (Reclaimer) Extractor Saw Cylinders feature a combination of individual Cleaning Bars and Grid Section assemblies.
- Integral Bypass Valve on the inlet of the machine.



Cross-section of 3-Saw Stick Machine with Brush Doffing
(Steel Doffing also available for an additional cost)



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