

# 3-Saw Stick Machine

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

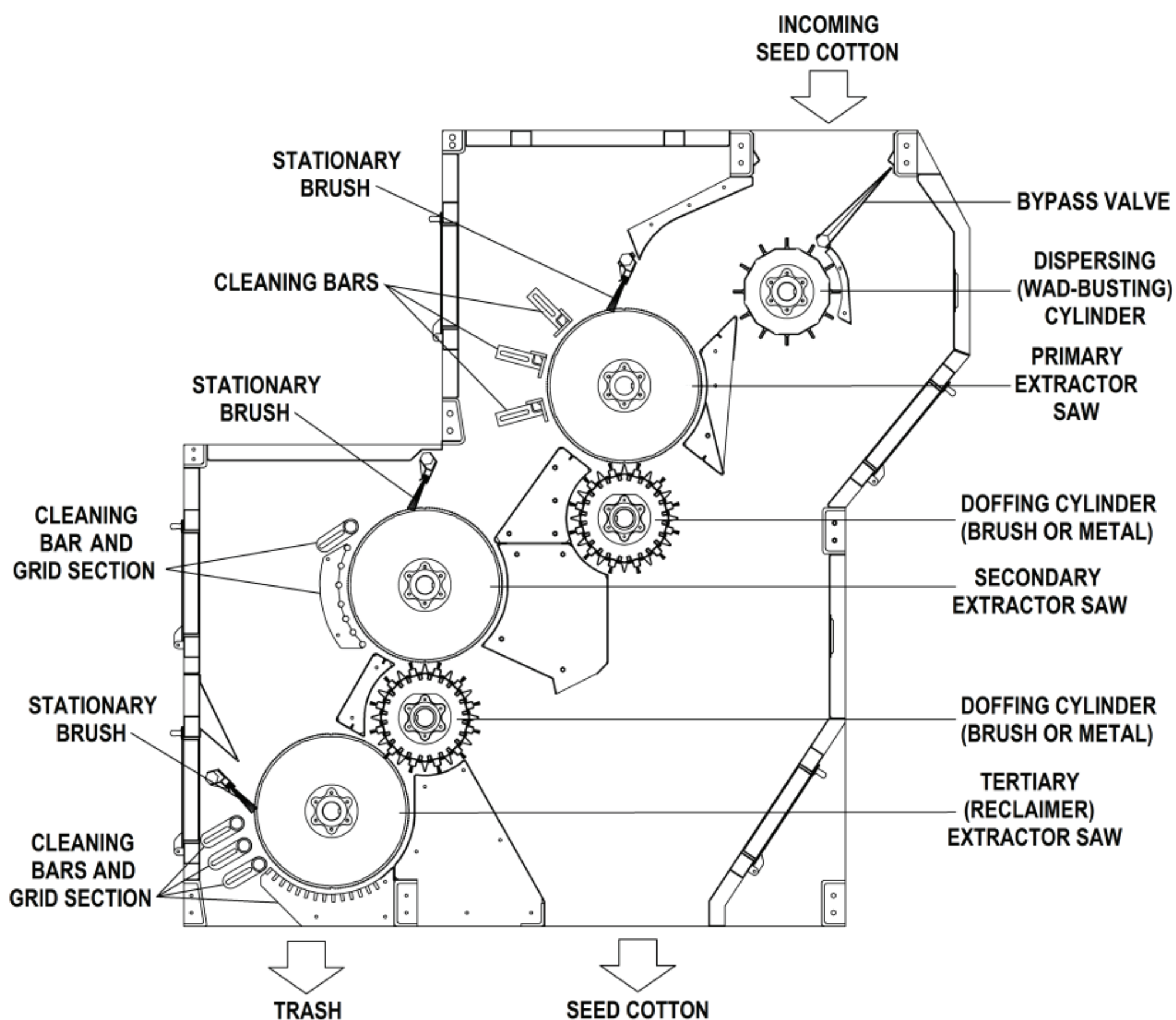
- The 3-Saw Stick Machine is Lummus' latest offering in its seed cotton precleaning machinery line. It is an evolution of the original Belt-Wide Industries design, incorporating a wide range of design improvements.
- Using the Lummus-developed "sling-off" principle of extractor cleaning, the proven 3-saw 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)



Physical Address: 225 Bourne Boulevard • Savannah, Georgia 31408-9586 USA  
 Mailing Address: P. O. Box 929 • Pooler, Georgia 31322-0929 USA  
 Phone: (912) 447-9000 • Fax: (912) 447-9250  
 Toll Free (USA Only): **1-800-4LUMMUS** (1-800-458-6687)  
 Web Site: [www.lummus.com](http://www.lummus.com) • E-mail: [lummus.sales@lummus.com](mailto:lummus.sales@lummus.com)



Lummus products described or listed in this publication are illustrative only. Application and use of these products must be in accordance with the applicable codes and regulations and must be arranged and/or provided with covers and other guards where necessary to assure the safety of personnel. Lummus engineers continue to make improvements. All designs, specifications, and ratings are subject to change without notice.