

RENU™ DRYING & MILLING SYSTEM

GTF






REVOLUTIONARY TECHNOLOGY. REVOLUTIONARY RESULTS.

RENU™ System's revolutionary 2-in-1 technology uses **rapid compaction and vapor extraction** to dry and mill in one quick step, transforming and upcycling food materials into powder in seconds.






This technology is an eco-friendly alternative to traditional drying methods and can also be used to powderize side streams for **immediate stabilization** and further resale.



KEY FEATURES

-  100% Electric
-  Modular design
-  <1 second particle dwell time
-  Compact, yet scalable footprint
-  One-touch Allen Bradley controls

SAFETY FEATURES

-  Safety interlocks/E-stops
-  Safety controller
-  Explosion protection
-  Preventative maintenance monitoring
-  Integrated 5-log kill-step*

RENU is constructed with food grade stainless steel with sanitary finish

*contact your GTF sales representative for material-specific details

SPECIFICATIONS

Raw Material Moisture %	30 - 60%
Powder Moisture %	<10% ±1%
Approx Footprint (ft ²)*	1,000
Power (kW)	200 - 300
Voltage (V)	480
Hertz (Hz)	60
3 Phase	✓
Decibels (dB)	85
System Weight (lbs)	19,500
Infeed Rate (lbs/hour)**	1,200 - 1,500
Output Rate (lbs/hour)**	240 - 300
Powder Mesh Size Range	60 - 230
Powder Micron Size Range	250 - 60
Fully Automated Continuous Feedback	✓
CIP	✓
5-Log Microbial Reduction	✓

The RENU System is installed on-site in your facility with customizable conveyance directly from your production line to optimize efficiency and mitigate product decay. The compact, modular design allows for scalability and use of existing real estate.

RENU's patented design and efficient method of action lend to a low processing cost-per-pound, which provides an accelerated ROI.

*Footprint is for one system

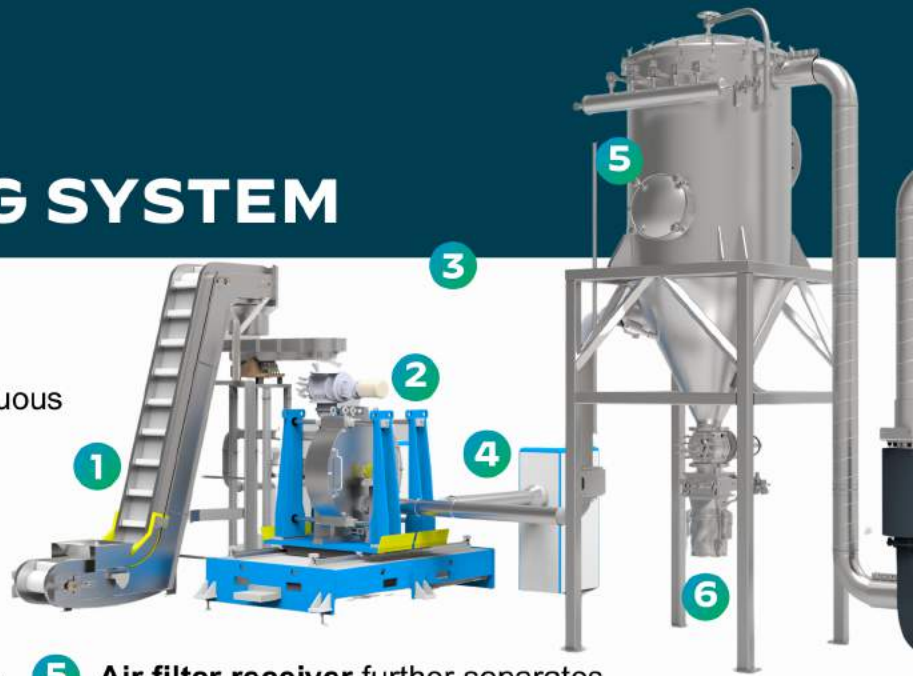
**Infeed & outfeed rate depend on raw material moisture percentage

RENU™

DRYING & MILLING SYSTEM

KEY COMPONENTS

- 1 **Custom conveyance** for batch or continuous processing
- 2 **Our patented mill** utilizes the perfect combination of pressure, humidity, and temperature to process materials rapidly
- 3 **P2OS operating system** features a one-touch interface to monitor controls and recipes
- 4 **Air preparation system** conditions incoming air and provides a controlled environment
- 5 **Air filter receiver** further separates moisture from powder and provides seamless exit to collection
- 6 **Packaging** can be automated and customized to your specifications



APPLICATION EXAMPLES

