Why should you choose GALA’s Centrifugal Drying System?

Centrifugal drying is still the most economical and proven means of drying and dewatering plastics. This simple, economical, continuous drying method can help make your company more profitable.

Gala utilizes real life test conditions, finite element analysis (FEA), and our years of experience to make our Centrifugal Drying System the obvious choice for reliable centrifugal drying equipment. Couple this with our personalized 24-hour customer service and you have an unbeatable combination.

Through direct customer input and continuous improvement, Gala has made major strides in improving the performance and reducing the maintenance of our equipment. Whether upgrading existing equipment or expanding your business, consider the advantages offered by Gala’s Centrifugal Drying System for your next purchase. We look forward to working with you (before, during, and after the sale) to ensure that your performance goals are achieved.

The Gala Design

The Gala centrifugal dryers are designed with cleaning and ease of maintenance as two of the primary objectives. The spacious interior makes clean up for product or grade changes a simple task. Hinged doors, leak proof screens, pellet free rotors, and laser-fabricated components are some of the standard features of all Gala dryers. All models incorporate Gala’s Easy Access design. Depending on your specific requirement, low noise models rated at 80 dBA (easy clean low noise) are available.
The three stages of the GALA Centrifugal Drying System

Dewatering:
Gala’s built-in dewatering design simplifies water drain piping, thus minimizing floor space. Since 90-95% of the process water is removed prior to the product reaching the rotating impact stage, less horsepower is required. The Gala two-level design prevents the rotor from agitating constantly in water, reducing component stress and eliminating the need for expensive and maintenance intensive shaft seals.

Impact:
Once the majority of the process water is removed, the product enters the rotor where it is picked up and conveyed upward through the dryer. The unique Gala rotor ensures even distribution, maximizing product to air contact as the product bounces between the stationary screens and rotor assembly. This impact removes additional surface moisture.

Air Flow:
Air flow, countercurrent to product flow, is introduced in the upper portion of the Gala centrifugal dryer. This countercurrent airflow prevents moisture from escaping with the product and further reduces the surface moisture level. In many cases, a surface moisture of 500 ppm or less (0.05%) can be achieved.
Additional Advantages of the Gala Centrifugal Drying System

- Sectional, replaceable components to extend the life of your investment
- Robust construction
- Spare parts availability for all Gala models
- Unmatched, 24-hour customer service
- Equipment adaptability to many applications and pelletizing methods

**Options**

- Agglomerate Catcher
- Pre-Dewatering Equipment
- Diverter Valve
- Exhaust Fan
- Rinse System
- Abrasive Resistant Construction
- Water Filtration
- Bearing Monitoring (Vibration and Temperature)
- Tempered Water System

**Model 2008 Easy Access**

**Model 2016 Easy Access**

**Agglomerate Catcher**

**Model 2008 Easy Access on TWS-80 Tempered Water System**

**Pellet Diverter Valve**

**Model 8064 Easy Access**

**Model 4032 Easy Access**
EASY ACCESS DRYER

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Drying Capacity (lb/hr)</th>
<th>Minimum HR Water Rate (SPM)</th>
<th>Maximum HR Water Rate (SPM)</th>
<th>Air Flow (cfm)</th>
<th>Motor Size (HP)</th>
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NOTE: Specifications are subject to change without notice when products are improved in quality or performance. When ordering, please make sure of the current specifications.

* Final product moisture is based on 3.2 mm x 3.2 mm (0.126 in. x 0.126 in.) Polyolefin pellets, with a minimum pellet temperature of 60°C (140°F). Process temperature variances and pellet geometry may affect final moisture level. Please contact Gala to discuss your specific application.

Model 6048 Easy Access

EASY CLEAN LOW NOISE DRYER

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Model 6048 Easy Access

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