AeroToast™

Fluidized bed toaster and dryer.
AeroToast™ Fluid Bed Toaster.
Rapid Heat Transfer with Superior Product Quality.

Design Highlights
- Custom system designs to suit capacity requirements and product characteristics
- Maximum access for easy cleaning
- Individually controllable process zones for maximum system flexibility
- Uniform air velocity and temperature distribution for superior product quality
- Airflow recirculation system for increased energy efficiency
- 100% fully welded internals for superior sanitation
- Optional advanced controls for optimizing operating efficiency and process flexibility

AeroToast offers a broad range of applications in drying, toasting, roasting, puffing and cooling. Unique product texture, color and taste development are made possible by the system’s high temperature capability. Superior product quality is achieved with controlled air-to-product fluidization throughout the bed. Conveyors are custom configured for the product, and include vibratory pan and non-perforated belts for special handling needs. AeroToast is highly configurable, with integrated or external heating and dust separation to suit the installation needs.

Energy savings are achieved through AeroToast’s customized recirculated air design and accelerated heat transfer. Short on floorspace? The unique design of a rapid heat transfer system requires a much smaller footprint than conventional systems. The AeroToast features a sanitary design and increased access for easy cleaning.

Impingement technology provides high heat transfer for creating healthy products with distinct texture and color.

AeroToast is fully configurable for your specific requirements. Choose from a number of different configurations based on your process and plant requirements.
- Heat source, fans and dust removal system all internal to the main body of the machine, maximizing available floor space.
- Heat source and fans internal the main body of the machine, with remotely located high efficiency dust removal system.
- Heat source, fans and high efficiency dust removal system all remotely located
- Fully customized solutions are also available.
Applications

Food
- Bread crumbs
- Cocoa and coffee beans
- Grains
- Nuts and seeds
- RTE (ready to eat) cereal toasting
- Snack food expansion

Animal Feed
- Aquafeed
- Petfood

Industrial
- Catalyst
- Polymers
- Tobacco
- Wood products

Additional Services
- 24 hour support for customers with Aeroglise equipment
- Dryer performance evaluations and mechanical inspections
- On-site product testing
- Spare parts, retrofits and expansions for all dryer brands
- Seminars on drying theory and maintenance
- Test facility for product development and testing in Raleigh, North Carolina USA