Tobacco.
Drying, toasting, reordering, cooling.
Buhler Aeroglide offers a range of tobacco drying equipment to optimize product quality and operating efficiency. With a long history and large installed base of tobacco dryers, Buhler is a preferred supplier to the largest tobacco processors worldwide. Each design features high performance and energy efficiency, with minimum downtime for cleaning and maintenance.

**AeroDry Conveyor Dryers:** A large installed base of dryers by C.G. Sargent’s Sons (acquired by Buhler Aeroglide in 1990) is strengthened by new advancements in conveyor technology including high thermal efficiency, superior access and advanced control systems. Conventional steam-atomized-water reordering and high pressure spray mist systems are available.

**AeroDry Impingement Systems:** Another Buhler Aeroglide offering is the high velocity impingement system. Single and dual impingement systems are available, with a variety of air delivery nozzle configurations for added flexibility.

**AeroToast Fluidized Bed Processors:** AeroToast high velocity fluidization drying and toasting technology offers unique processing alternatives to conventional drying methods. By applying heated air rapidly to each product particle, processing time is greatly reduced. Additional benefits include improved product chemical composition and moisture uniformity. Operating costs are reduced through the use of recirculated process air.
Installation Flexibility. Buhler conveyor dryers are available in modular or field assembly configurations. Customers enjoy reduced installation cost and start-up time with the standard modular design. These units are fully assembled and tested at the factory prior to shipping. This allows the fastest possible installation with reduced field connection points.

Field assembly construction is available for installations in space-constrained areas. This design allows a dryer of any size to fit into standard shipping containers for cost-effective transport. Once at the destination, individual crates are able to fit through narrow openings of freight elevators and doorways. The entire system is assembled at the customer’s site, often with local labor and supervision by a Bühler technician.

Enhanced Performance. Buhler offers AeroPro Advanced Dryer Controls to optimize the performance and efficiency of a drying operation. The system’s Evaporation and Moisture Control modules ensure that product moisture is controlled closer to specifications, leading to superior product quality and increased yield. Increased energy efficiency is achieved with Humidity Control and Energy Monitoring. Together, these controls monitor and adjust thermal operating conditions such as exhaust levels and energy use.

Additional Services
- 24 hour support for customers with Aeroglide 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