

Aquafeed.

Drying and cooling solutions.



AeroDry™ Custom Drying Solutions for Aquafeed. Uniform, Sanitary and Efficient.

Conveyor Dryer Benefits

Superior Airflow Management

- Efficient drying through optimal airflow recirculation and use of cooling air exhaust as pre-heated dryer make-up air
- Uniform drying via proven airflow distribution
- Complete zone temperature control throughout drying process with sequential zone option
- Ultimate control of target moisture specification and energy use with Advanced Controls option

Sanitation and Easy Maintenance

- Full access allows for easy maintenance and cleaning
- Reduced downtime with continuous fines management options
- Full welded frame with minimal horizontal surface areas prevents build up and minimizes chance for cross contamination between product types

Heavy Duty Construction

- Heaviest gauge frame and bedplates in the industry

Modular Construction

- Fully assembled and tested at the factory
- Ships in large modules
- Fastest installation and start-up possible

Buhler Aeroglide is pleased to offer custom drying solutions to the aquafeed industry.

Setting the standard for multi-pass, dual plenum conveyor dryers, Buhler Aeroglide has engineered airflow control throughout the recirculation loop. This unique design provides uniform airflow temperature and velocity distribution across the product bed. An additional benefit is in fines management and collection, resulting in safer operation and increased uptime.

Buhler Aeroglide was the first to offer a sequentially zoned dryer to the aquafeed industry. Providing the ultimate in zone temperature control, this system maximizes production per square foot of floor space, while still protecting the product from excessive temperatures. Sequentially zoned dryers are ideal for temperature sensitive ingredients such as pigment used in salmon feed.



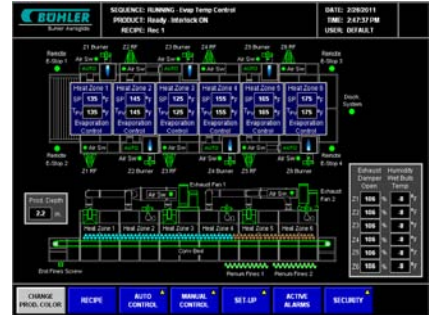
AeroDry equipment ships in large modules for quick, cost-efficient installation.



Complete interior access for cleaning and maintenance.

Enhanced Performance. Buhler offers AeroPro Advanced Dryer Controls to optimize the performance and efficiency of an aquafeed drying operation.

- **Moisture and Evaporation Control Systems** work together to control product moisture content and reduce moisture variability.
- **Humidity Control** ensures exhaust levels are optimized based on the current evaporation load.
- **Energy Performance Monitoring** shows the operating efficiency of the equipment.
- **Product Tracking** enables activation of energy saving modes, temperature or moisture control. It also aids in product change-over.



AeroPro Evaporation Control improves moisture uniformity while reducing energy usage.

Consistent Product Feeding. The AeroFeed OS+ oscillating spout feeder ensures consistent drying by spreading product evenly across the conveyor bed. Adjustments can be made while in operation without interrupting production.



AeroFeed OS+ oscillating spout feeder with online adjustment ensures even product loading.

Food safety. Clean processing and food safety are critical concerns for aquafeed processors. Buhler's food processing equipment is focused on sanitation. All dryer designs incorporate unique customer requirements for sanitation and cleaning, some of which include:

- Full interior access for inspection, cleaning and maintenance
- Elimination of debris collection points with slab floors, sloped surfaces, and advanced chain and conveying options
- Increased insulation and moisture prevention with sanitation-focused exterior doors
- Clean-in-Place (CIP) systems
- Water collection floor trough
- Elimination of grease and oil from the food area with external conveyor drives and bearings

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



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