Dryer Innovation Packages

Perfect your product’s discharge moisture and improve hygiene.

Don’t Neglect Your Machine Just Because It’s Old!
Innovation is the key to improvement in your production line. That is why Buhler Aeroglide engineers have compiled a selection of upgrades for improving product bed loading, moisture uniformity, airflow management and the overall hygienic state of your existing drying equipment.

Innovation items include the AeroFeed OS+, stationary side guides, off-set traveling side guides, internal doors and improved seals. All items may be supplied individually or as a package upgrade for your dryer.

**AeroFeed OS+ Feeder**
The AeroFeed OS+ oscillating spout feeder provides up to 1m of adjustment in the spread across the width of the bed. Adjustments can be made during production, enabling you to see the results instantly. Adjustments include stroke, centering on the product bed, alignment and feeder speed — all made by the customer-supplied inverter in the control panel.

For optimal distribution, the oscillation rate is adjustable up to 10 cycles per minute. The inlet transition to the spout directs the flow from your feed device into the oscillating spout. (Note: product flow to the oscillating feeder must be at a uniform rate to accomplish uniform product distribution).

**Stationary Side Guide Package**
The stationary side guide package is designed to replace the existing fabricated guide components within the process path. This improved concept reduces the areas of product/fines build up. The reversed angle design and horizontal side walls greatly reduce the potential of cross contamination while reducing the time required for internal cleaning.

**Customer Value:**
- Improved moisture uniformity
- Increased uptime
- Reduced maintenance and cleaning costs
- Reduced risk of cross contamination
- Enhanced airflow

**Stationary side guide package**
Travelling Side Guides (Overlapped/Offset)
Travelling side guides are attached to the conveyor bed to effectively contain the product during production. Our new design features overlapping and recessed guides, providing a significant sealing improvement while greatly reducing the possibility of cross contamination.

Internal Door Package
This component complements the stationary side guide improvements. A robust design with newly enhanced locking mechanism provides improved airflow sealing, reliable closure and product containment. These features greatly reduce the potential for cross contamination.

End Seal Package
Airflow suppression and efficient sealing are the essential attributes of quality controlled drying. The end seal package contains a number of custom engineered seals designed to be installed in areas vulnerable to air blow-out. Seal introduction will enhance the airflow characteristics of the dryer while expanding the lifespan of neighboring components and improving the hygiene conditions of the surrounding atmosphere.