

Airmatic Dosing Slide



Dosing slide for water tight closing of pome fruit silos and dosing into the flushing channel

- Flooding of the silos enables unloading via truck
- Water tight «Airmatic» seal
- Steady dosing of pome fruit into the flushing channel



Application

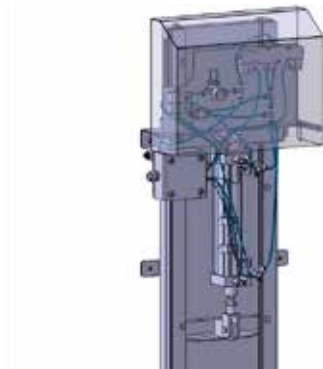
The Dosing Slide Airmatic is designed for isolating pome fruit silos from the flushing channels, if the silo is flooded before it is filled. The flooding assures a gentle dumping of the fruits with minimal deterioration of the fruits. It is thus mainly used when soft fruits are processed or very high quality requirements apply.

is filled the finished seal is vented and the water is drained. The fruit discharge from the silo is controlled by timed vertical movement of the slide in such a way that the fruits evenly arrive in the flushing channel in single layer. Opening and closing times are independently adjustable by an external controller or time switch. Both end positions of the slide can be adjusted.

Design and functionality

The slide is tightly mounted at the silo outlet into the flushing channel. Before flooding the silo the slide is moved to the closing position and the Airmatic seal is inflated with pressurised air for a water tight sealing. The silo is then flooded and the fruits are dumped. When silo

- Inflatable Airmatic seal
- Pneumatic activated slide with solenoid valve and adjustable operating positions
- Electrical panel with central air distribution
- Mounting flange for fixing on the flushing silo or installation in a flushing channel



Technical data Dosing Slide Airmatic

Channel/Outlet	400 mm
Compressed air inlet	4-5 bar
Compressed air regulator for Airmatic seal	1-1.5 bar

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Products and Services

Process technology for fruit and vegetable processing to juices, concentrates and puree production, for brewing solutions, for filtration, for milk powder production, for the vacuum drying of liquid and solid products, for freeze drying of coffee, tea, fruits, vegetable, etc. Technology for municipal and industrial sludge dewatering and drinking water filtration

Products

Fruit reception lines, mills, mash heaters, hydraulic presses, membrane filtration equipment, cold block equipment, adsorber, ion exchanger, evaporators and aroma plants, pasteurizers, CIP systems, vacuum and freeze drying cabinets and belt dryer, zeolite adsorber, complete processing lines

Services

Process development and project engineering; assembly and commissioning; technical support; original spare parts; inspection; service contracts; retrofits; training; service and maintenance; NetService