

# Bulk Material Handling Systems for Detergent Processing

- » Pneumatic Conveying
- » Weighing
- » Feeding
- » Dust Collection

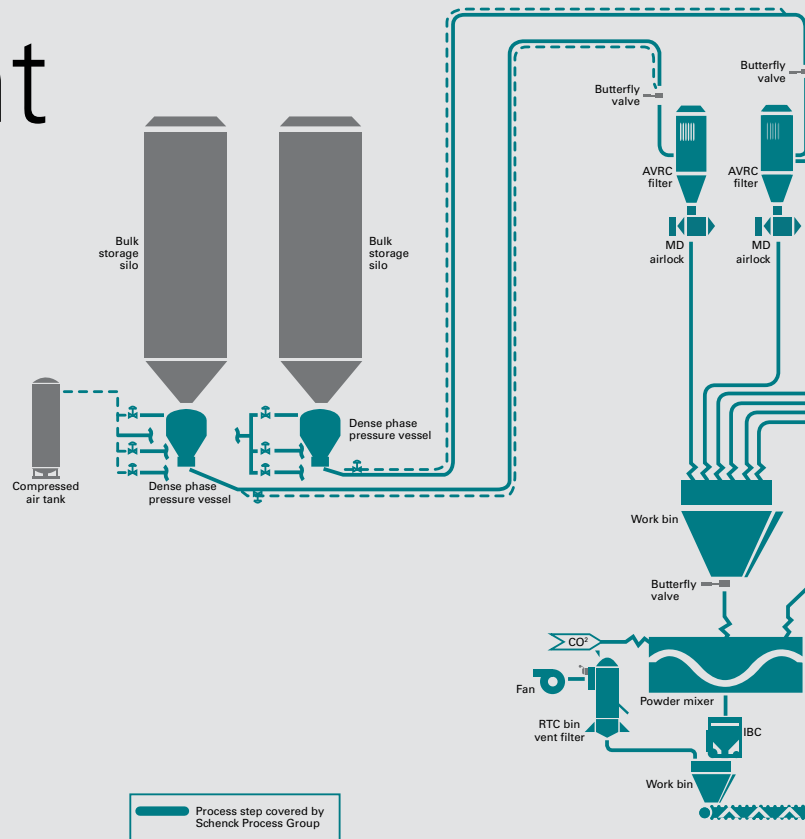


## Serving the Detergent Industry

Schenck Process has a long history of serving and supporting detergent manufacturers. With expertise in pneumatic conveying, weighing, feeding and dust collection, we have designed and manufactured bulk material handling and air filtration systems for some of the most well known brands in the soap and detergent industries.

We handle your dry bulk materials such as soda ash, sodium bicarbonate and other minor ingredients for detergents and convey them to your process equipment for creating powder tablets, liquid tablets and gel packs. Our dense phase conveying systems provide safe transportation of raw materials to the mixing equipment or to one of our loss-in-weight feeders for accurate dispensing. For managing heavy dust loads Schenck Process has a wide range of air filtration options.

# Detergent Process



### AVRC filters (air vent round)

Circled bodied pulse jet filter

- Bottom removal filters capable of handling heavy dust loads
- Designed for vacuum, pressure and combination vacuum/pressure bulk pneumatic receiving and dust collection systems
- Handles low air volumes and higher pressure applications



### Multi-Duty Airlocks

Versatile airlock can be connected to a wide variety of storage and conveying devices

- Highly reliable, rugged design delivers low maintenance service
- Suitable for use in dilute phase vacuum, pressure or combination vacuum/pressure pneumatic conveying systems
- Ideal for metering dry bulk materials under feeding devices such as bins, hoppers, mixers, screw conveyors and sifters.



### MechaTron® Feeders

Volumetric and gravimetric feeding

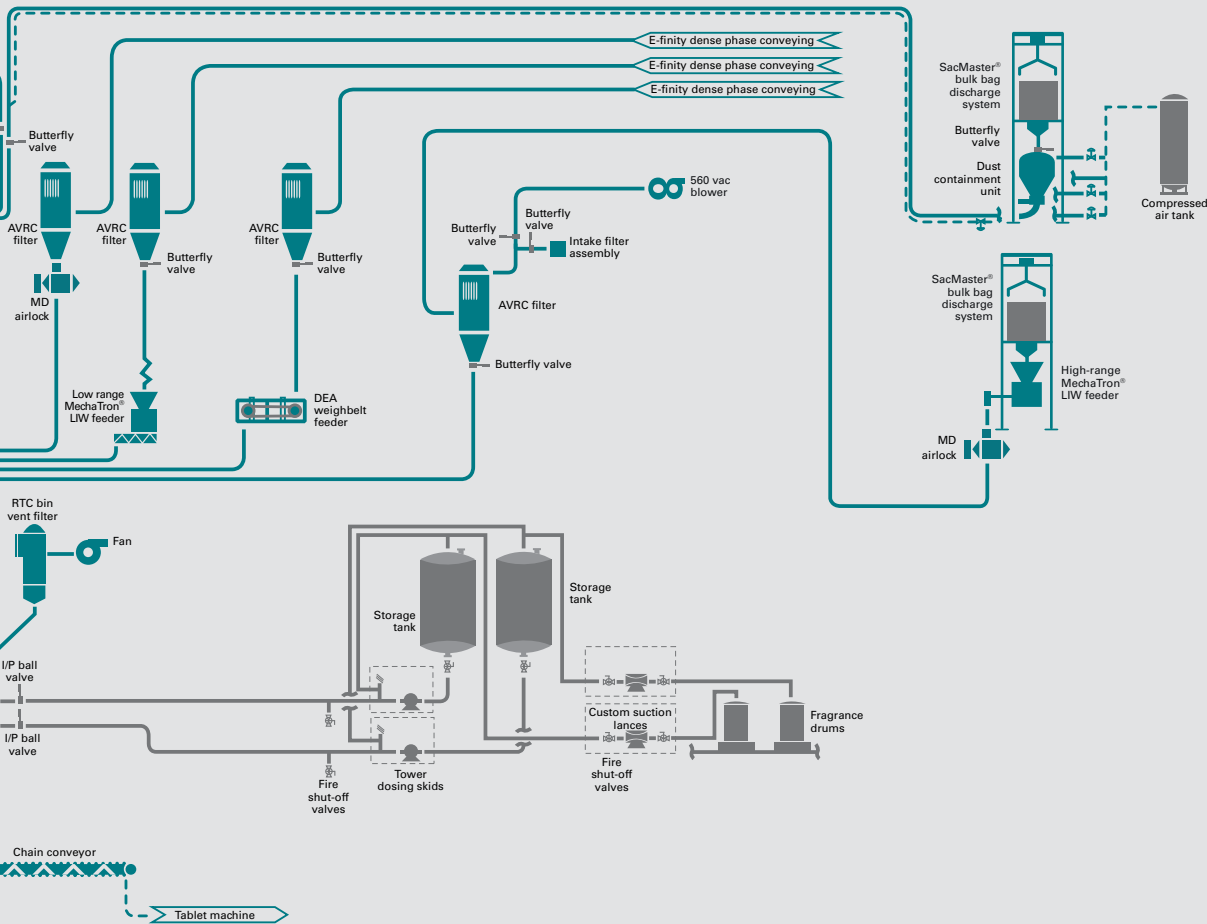
- Highly accurate systems reduce product loss
- Complete disassembly from the non-process side speeds cleaning and maintenance
- Feed rates up to 1,100 ft<sup>3</sup> per hour

## Project Management

At Schenck Process, everything we do is centered on customer satisfaction. We strive to make your equipment and systems robust and efficient. Our project management teams become an extension of your business with a direct line of communication to the many resources within the Schenck Process global network. Your Schenck Process team will take command of the design/build process from the project kick-off all the way to process commissioning. From start to finish, our teams are dedicated to meeting your business goals.

## Process Controls

Our Process Controls Group has been entrusted to control processes for some of the world's most recognizable brands. We have been building customized controls for over 40 years and our engineers have an intimate knowledge of industrial processing and production. Our in-depth experience provides field proven solutions.



### MULTIDOS® DEA Weighbelt

High-capacity industrial weighbelt feeder

- Can be used for weight-controlled feeding, as a weight indicator and totalizer, or for batching
- Automatic belt cleaning system
- Perfect for free-flowing materials



### E-finity® Pneumatic Conveying System

Low-pressure continuous dense phase conveying

- Multiple systems can be operated from a single blower air source
- Low product degradation
- Designed for conveying granular and pelleted materials



### SacMaster® Bulk Bag Discharge System

Bulk bag frame for full bag emptying

- Agitation to eliminate material bridging and promote full bag emptying
- Two agitation and two pivoting paddles for full bag support
- Modular design for easy system customization and compatibility



Schenck Process design strategies are focused on providing detergent manufacturers with bulk material handling and air filtration systems that result in a superior end product for our customer.

# We help put your products on the shelf



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we make processes work