

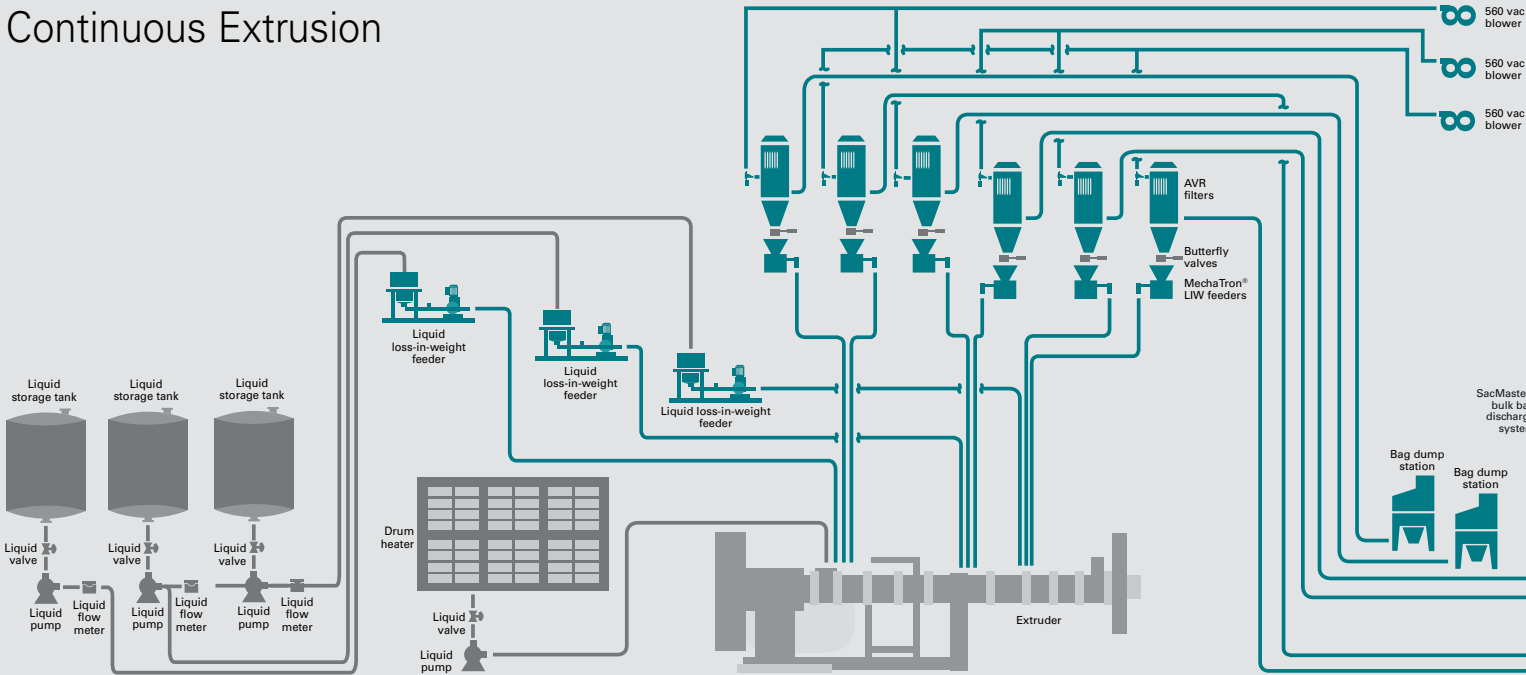
# Adhesives and Sealants Bulk Materials Handling

- » Pneumatic Conveying
- » Feeding
- » Dust Collection
- » Bulk Bag Unloading



Adhesives and sealants are comprised of a wide variety of liquids, pastes, powders, granules, and solid melt ready materials. Most applications incorporate some amount of liquids and solids passing through a mixing or extrusion process to form a custom mixture specific to each product. Getting those materials into and away from the mixing or extrusion process in a clean, timely, and accurate manner is important. Schenck Process has years of industry experience handling raw ingredients and additives for manufacturing adhesives and sealants. Whether it is material unloading, pneumatic conveying, receiving and storage, precision feeding, dust collection, size reduction or screening, Schenck Process has the system to meet your specific needs and all of it can be combined into one system by our project management team.

## Continuous Extrusion



Process step supplied by Schenck Process Group



### 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



### MechaTron® Liquid Loss-in-Weight Feeding System

- Ideal for feeding oils, acids, water and other liquids
- Gravimetric feeding accuracies of ±0.5% or better
  - Integrated measuring, control and supervisory electronics
  - Support frame complete with 2 precision strain-gauge weighing modules
  - Equipped with a regulated dosing pump



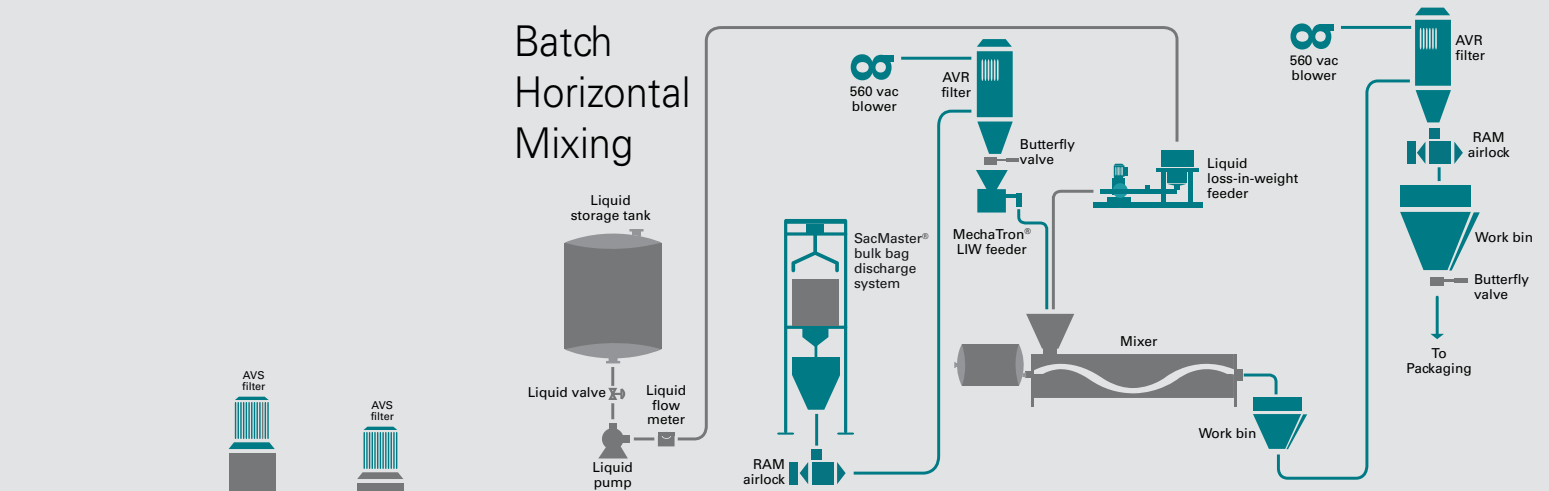
### AVR/AVRC filters (air vent round)

- 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

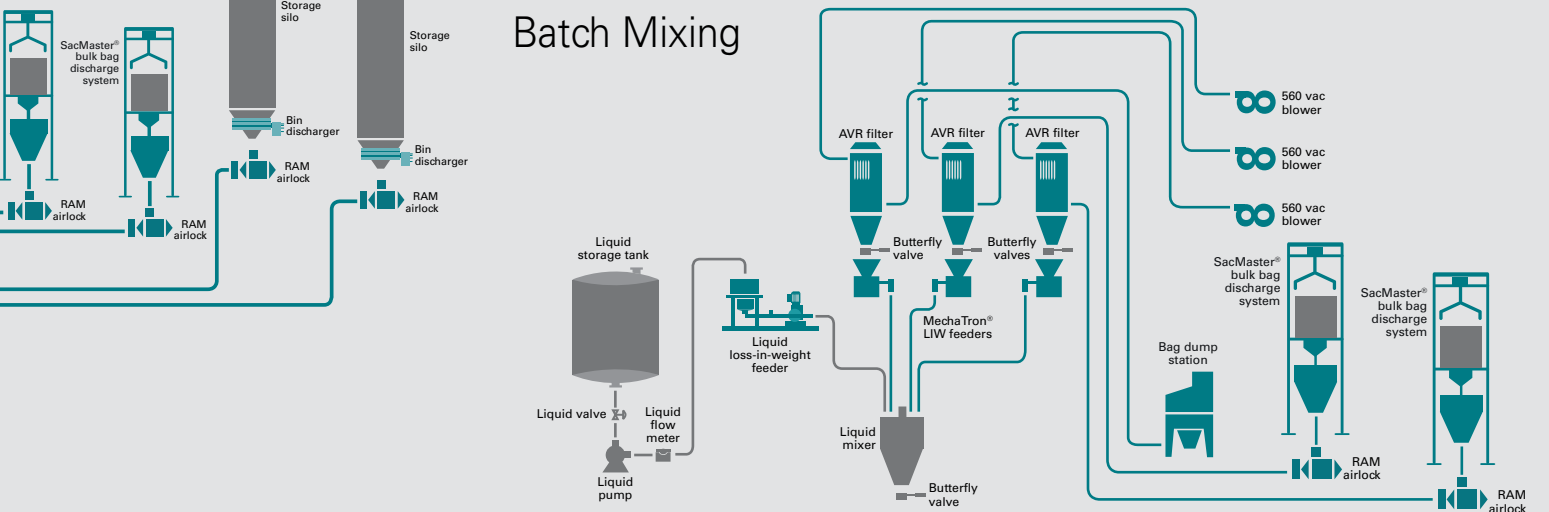
## Project Management

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.

## Batch Horizontal Mixing



## Batch Mixing



### SacMaster® Bulk Bag Discharge System

- Bulk bag frame for full bag emptying
- Posi-flow 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



### Pneumatic Conveying

- Dilute or dense phase
- Single or multiple pickup and/or discharge locations
  - Convey to material storage in silos or work bins
  - Systems for both abrasive and non-abrasive materials
  - Cost effective solutions for conveying materials over long distances
  - Airlocks and valves available for pneumatic conveying systems integration



### Bag Dump Station

- Manual emptying of small bags
- Integral pulse jet filter
  - Vacuum or pressure style discharge
  - Fully welded exterior and skip welded interior

BV-P5093EN. All information is given without obligation.  
All specifications are subject to change. © 2022



Our bulk material handling systems ensure your products will meet the precise needs of the customers you serve.

# We are the glue that keeps your bulk materials working together.

schenckprocess 

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we make processes work