

Bulk Material Handling Solutions for Compound and Vinyl Flooring Manufacturing

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

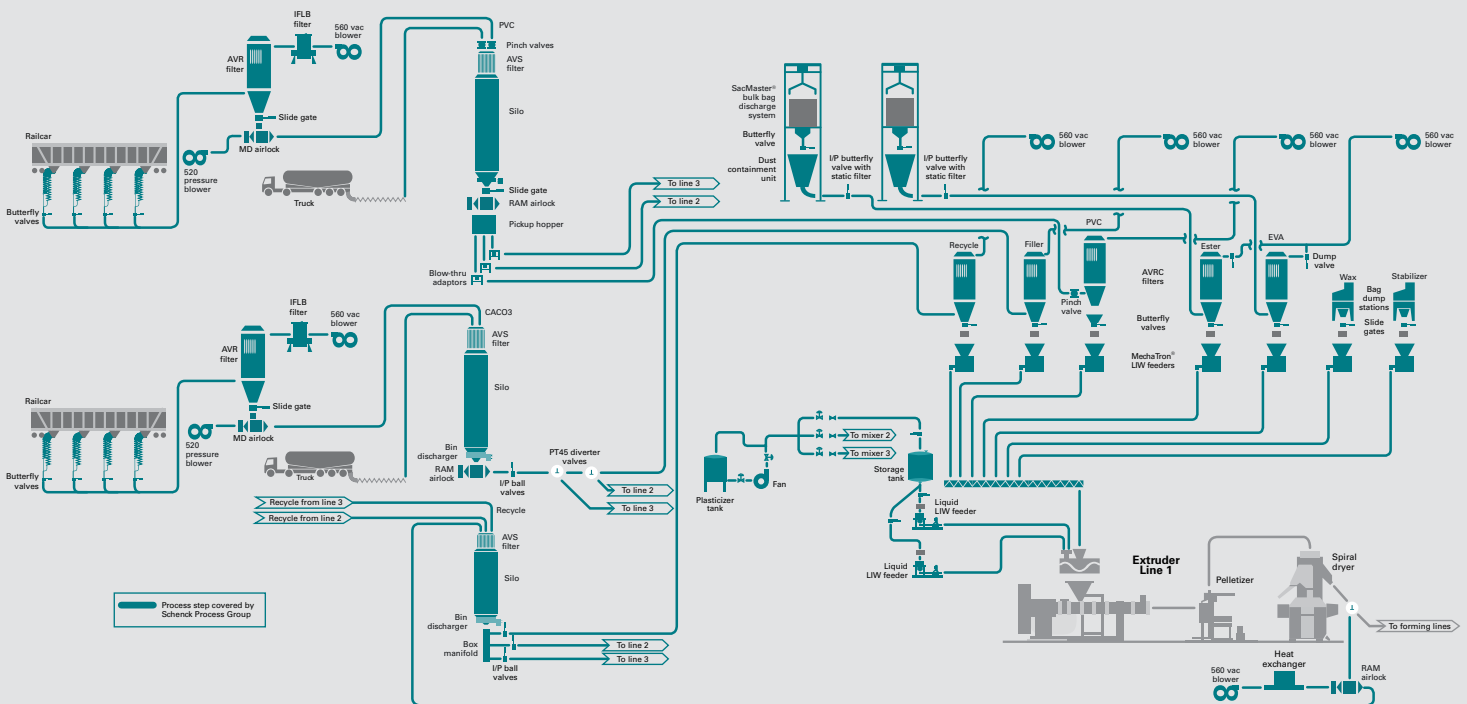


Serving the Flooring Industry

Schenck Process has a successful portfolio of serving and supporting engineered flooring manufacturers. With expertise in pneumatic conveying, weighing, feeding, and dust collection, we have designed and manufactured dry ingredient material handling and air filtration systems for some of the most well known brands in the carpet and specialty flooring industries.

We convey, collect, weigh and feed dry bulk materials such as PVC, calcium carbonate, titanium dioxide, and other minor ingredients to your process equipment for creating precision product mixes, compounded pellets, and extruded sheets. Our enhanced dilute phase conveying systems efficiently and accurately transfer raw materials to loss-in-weight feeders that precisely deliver ingredients to your extrusion lines. Schenck Process dense phase conveying systems provide gentle transfer of product mixes to your forming lines with little degradation of your valuable products. For managing heavy dust loads Schenck Process has a wide range of dust collection and central vacuum systems equipment.

Compound Flooring Process



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 ft³ per hour



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



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

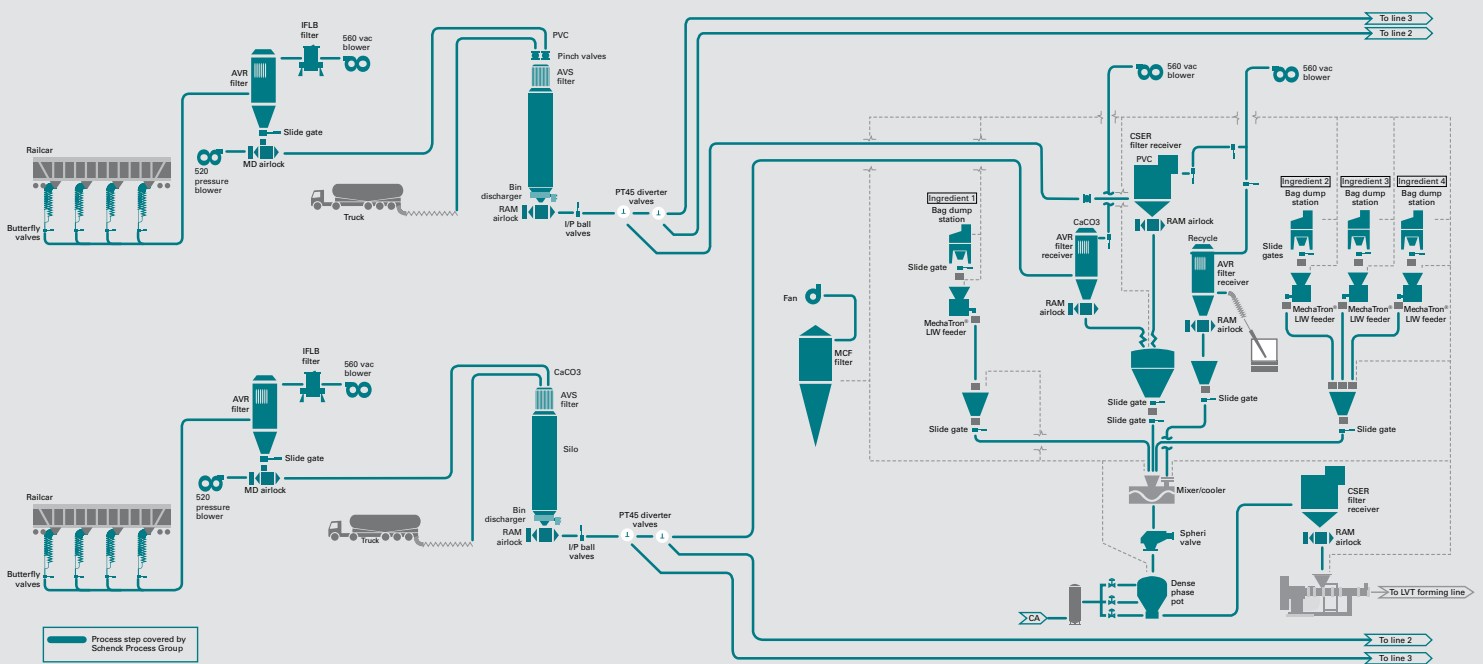
Project Management

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.

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.

LVT Flooring Process



— Process step covered by Schenck Process Group



Round Airlock Multi-Duty (RAM)

- Universal airlock for rugged service
- Ideal for pressure or vacuum dilute phase conveying systems
 - Offers a high degree of accuracy
 - TS4 packing gland seal provides superior performance



MCF PowerSaver

- Industrial air filtration
- Operates with medium-pressure cleaning air (7-9 psig)
 - Total filter area available exceeds 23,000 ft² (7,000 m²)
 - Cleaning capacities over 250,000 CFM



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-P5090EN All information is given without obligation.
All specifications are subject to change. © 2023



Our precise raw material delivery systems ensure your final product meets the quality needs of your customer.

Helping make the best flooring one step at a time

schenckprocess 

Schenck Process
7901 NW 107th Terrace
Kansas City, MO 64153
816-891-9300
americas@schenckprocess.com
www.schenckprocess.com

we make processes work