

Complete System Solutions for the Tire Industry



Experts in Material Handling & Dust Collection Solutions

With successful installations in the tire and rubber industry, Schenck Process has the expertise to help solve your toughest material handling challenges. We offer the following solutions:

Railcar Unloading

- Vacuum dense phase pneumatic conveying that eliminates the need for costly under track pits. All equipment is above grade.
- Reduced energy requirements with vacuum dense phase railcar unloading
- Low velocity vacuum dense phase conveying that dramatically reduces degradation of carbon black prills
- Silo dust collectors that provide efficient elimination of harmful emissions

Storage to Weigh Batching

- Dense phase pressure (DPP) systems that efficiently transfer carbon black from storage silos to day bins at the mixer area

Pneumatic Conveying

Dust Collection

Weighing and Feeding Technologies

- Single dense phase systems that convey to multiple destinations providing maximum flexibility
- Low velocity dense phase pressure (DPP) systems designed to convey carbon black with minimal product degradation

Weigh Batching

- Unique product dosing systems that provide accurate and repeatable weightings to the mixer
- Specifically designed weigh hopper for providing complete weighting to the mixer insuring repeatable batches to the process
- Day bin dust collection system designed to eliminate emissions and reduce housekeeping issues

Process Controls

- Recipe and raw material management
- Batch and integrated systems control
- Ingredient lot tracking
- Interface to ERP systems

Schenck Process

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