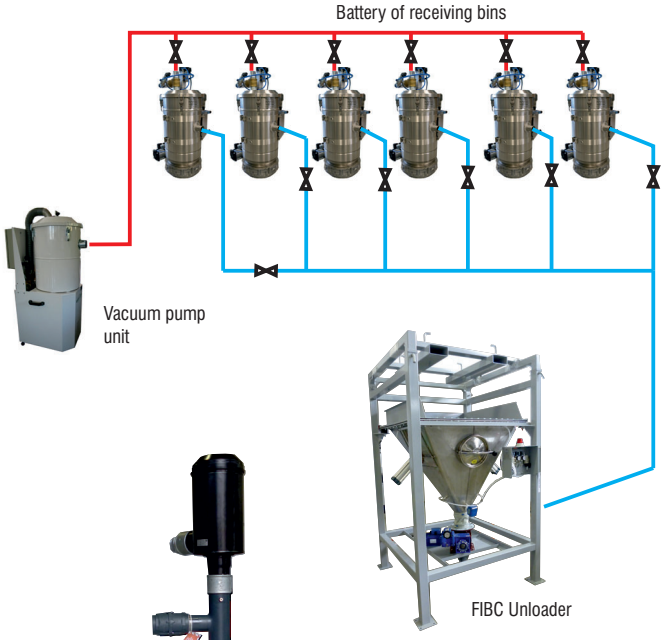
Pneumatic transport

PRESSURE AND VACUUM PNEUMATIC CONVEYING SYSTEMS

STAD
Automatic weighing systems



15 kW Vacuum pump unit

25-littre pneumatic conveyor

1500-littre pneumatic conveyors

In the industrial sector, pneumatic material conveying technology moves materials or goods to the production or warehouse locations where they are needed.
Compared to traditional conveying systems, pneumatic conveying offers greater system flexibility, requiring only a single pipe to connect point A to point B.
Each bulk solid presents specific requirements for a conveying system. To meet these needs, we offer our customers a variety of proven pneumatic conveying systems, including in-house-designed pressure- and vacuum-based pneumatic conveying components. This allows us to find the right solution for every product and every specific task.
Specifically, we manufacture:

Vacuum pneumatic conveying systems, where products are transported fluidized in a stream of air using a vacuum pump. These systems are versatile and cost-effective for shorter distances and low-to-medium flow rates.
Suitable for powders, plastic granules, fibers, minerals, flour, semolina, and food granules.

Dense-phase pneumatic conveying systems, in which products are transported by forming plugs or dunes along the pipeline under the pressure of air. These systems have a proven design and are easy to maintain.
Suitable for cement, limestone dust, bentonite, quicklime, hydrated lime, adsorbent, powders, and gypsum.

For more difficult bulk solids prone to clogging, air injectors (also called **boosters** or **air assists**) are used along the pipeline to prevent clogging.
Suitable for complex bulk solids, including minerals, titanium dioxide, metal oxides, gypsum, PVC paste, lead oxide, metal powder, and powdered milk.

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The Company reserves the right to make changes to the technical data, drawings and images without notice.

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Pneumatic transport

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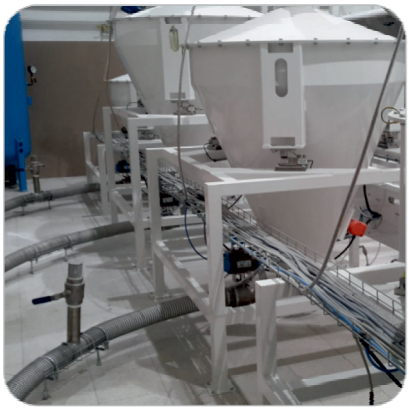
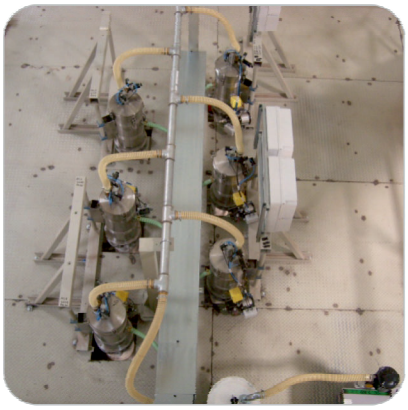
INSTALLATION EXAMPLES

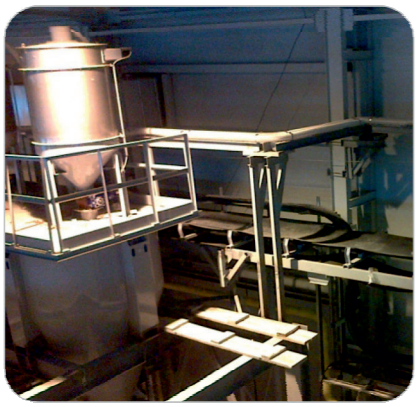


WEIGHING BINS BATTERY WITH PNEUMATIC DELIVERY

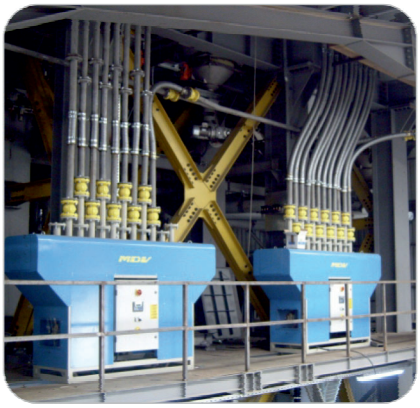


RECEIVING HOPPERS BATTERY

VACUUM PUMP AND RECEIVING HOPPER ASSEMBLY

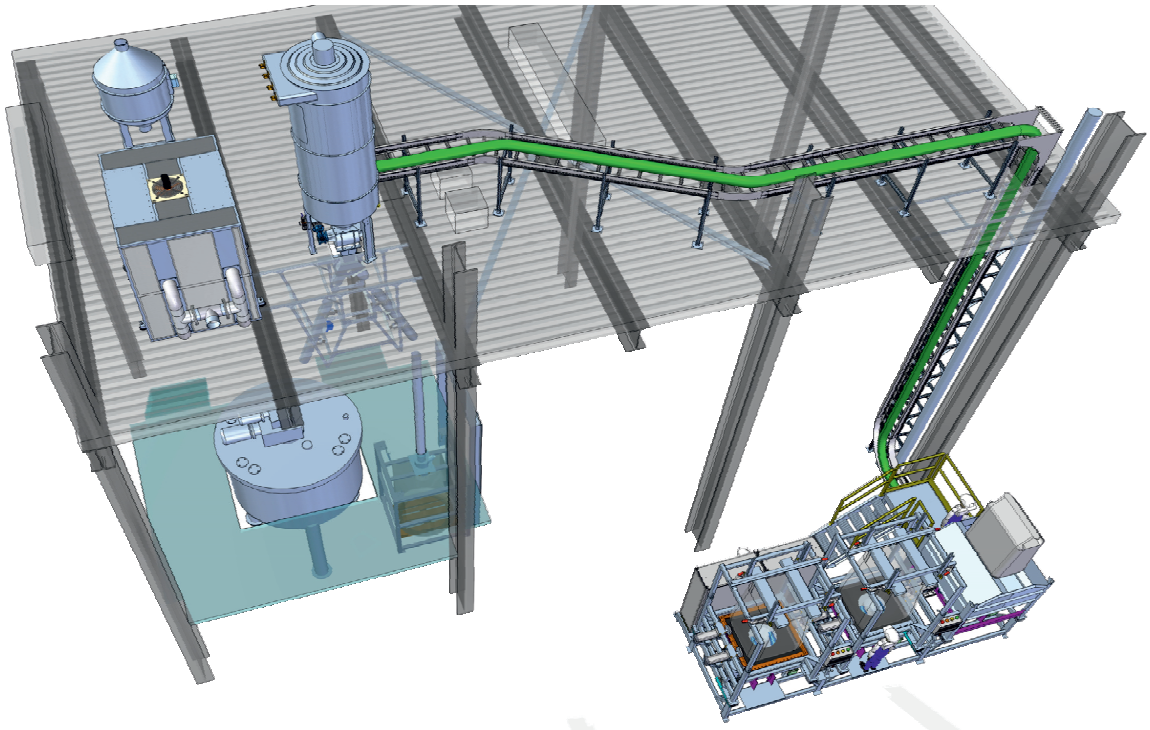


RECEIVING SILO WITH EXHAUST FILTER



MULTIPOINT DIVERTER VALVE

DIVERTER VALVES



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