

We understand bulk!

Conveying and dosing

Reliable, robust, accurate



EMDE Solutions for your industry

The conveying and dosing systems as well as the dust extraction systems from EMDE can be used in all industries. We develop customized solutions for the building materials industry through to the food industry. The EMDE Group has extensive experience due to thousands of systems it has installed in these areas. Even requirements that are difficult to meet, whether they concern the properties of the bulk material or the space available, have already been successfully implemented by EMDE. EMDE has set itself the task of continuously developing and adapting its components to meet the constantly growing requirements of the individual industries. Due to the increasing demands on product quality, the requirements for dosing accuracies and the tolerance limits in recipe dosing are constantly increasing. Precision dosing equipment with intel-

ligent dosing programs enable volumetric or gravimetric dosing accurate to the gramme. Pneumatic conveying is the most economical way to transport powders and granules over longer distances gently and quickly, both horizontally and vertically. The transport speeds are adapted to the technical requirements as well as the product characteristics. EMDE offers all solutions between a pure entrained flow conveying and a dense phase conveying. Also due to increasing demands on product quality as well as from the point of view of occupational health, hygienic and fire safety, EMDE's vacuum cleaning systems are used to prevent dust accumulation. Demands for safe working and the highest quality standards can only be met in a clean environment.



Technical data

- Dosing capacities from 1 – 10,000 kg/h
- Dosing deviations < 5%
- Conveyor lengths up to 250 m
- Suction lengths up to 400 m
- Suction capacity 500 - 2.500 Nm³/h
- Up to 1.5 bar pressure-reduced or pressure shock resistant design up to 10 bar
- Total pressure difference -300 to -800 mbar

Product features

- Highest system availability
- Minimal personnel costs
- Pressure & gas-tight design
- Ex.-protected systems for the Gas & dust and Ex. zones
- Combined blower for suction & pressure operation for emptying the filter separator
- Stationary and mobile variants
- Closed dust disposal or return system



Rotary lock conveyor with side channel compressor



Vacuum conveyor in the technical centre



Twin screws with quick-change connection for drive & lid

USP - UNIQUE SELLING PROPOSITION

EMDE Solutions for your industry

- Decades of experience in the construction of conveying and dosing systems
- Robust construction for the highest loads in continuous operation
- Available in ATEX design
- Suitable set-ups for every industry and requirement
- Flexible system integration via 3D planning
- Closed and dust-free designs for greater safety
- Assembly and maintenance by EMDE's own Life-Time-Service
- High availability of spare parts

EMDE Group

We offer you an extensive program for mechanical conveying of bulk materials. All components are designed by our experienced sales staff in terms of process engineering and are offered specially tailored to the application. The coordination of the components and processes connected in series is an important prerequisite for the function of the overall system.

We offer you this complete solution from one source!

The quality of the conveyor systems and the reliability of the overall system is ensured by the in-house production of all components.

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