

We understand bulk!

Bulk Batch

Many requirements - One system!



Industry:
Food
Paint industry
Chemistry



Process:
Automatic
recipe-controlled
mixing plant



Key data:
> 100 Formulations
> 100 Components
highly accurate dosing



Transport via robust roller conveyor system with turntable



Dosing position

EMDE Bulkbatch charging System

The EMDE Bulkbatch System is an ideal charging system solution for demanding mixing plant operators or investors.

The bulk batch system is based on a concept with one (or more) containers in which the unmixed raw material batches are formulated fully automatically and fed to a mixing unit.

Sophisticated docking systems guarantee a quick and dust-free docking between the raw material template position and the EMDE container. The container moves autonomously through the raw material area of the mixing plant to form the batches and feeds the still unmixed batches to the mixer.

The system impresses with its low design, contamination-free component handling and high dosing accuracy. The modular concept enables step-by-step expansion and expansion stages. As a result, the initial investment sum can be kept within manageable limits and the system can still be expanded at any time in a wide variety of scenarios. The modular expansion concept means that the major disadvantages of a comparatively static tower mixing system can be easily avoided: the number of components, recipes, and scales can be increased almost without restriction, and the system output can be increased significantly without great effort.

Product features

- Recipe-controlled formation of raw material batches for industrial mixing plants
- Flexible containers instead of static scales
- Low construction - minimal steel construction
- Dust-free docking to containers during filling and emptying
- Maximum avoiding of raw material contamination
- Different expansion scenarios to increase the system performance, increase the variety of components and recipe
- Overall system planning and electronical control system by EMDE

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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