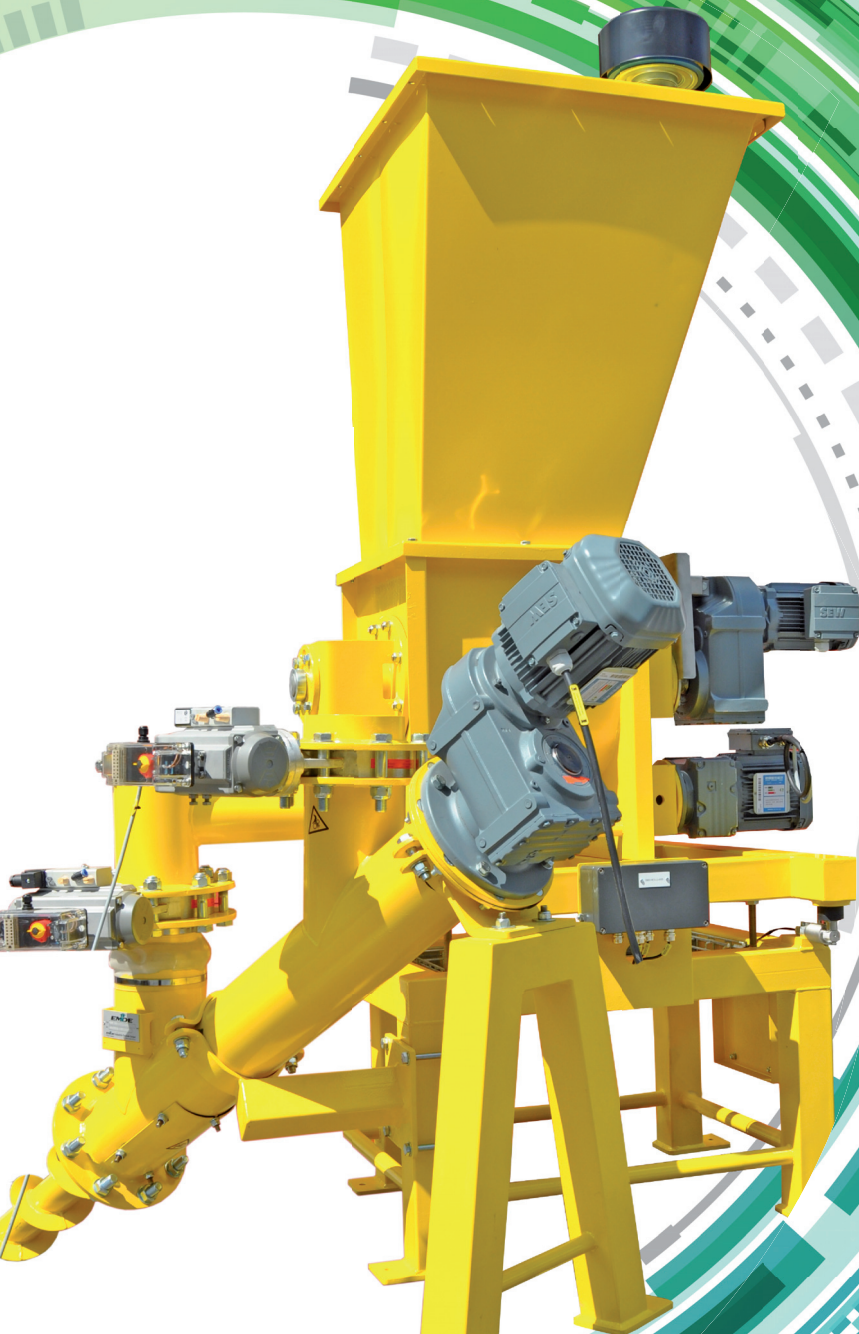
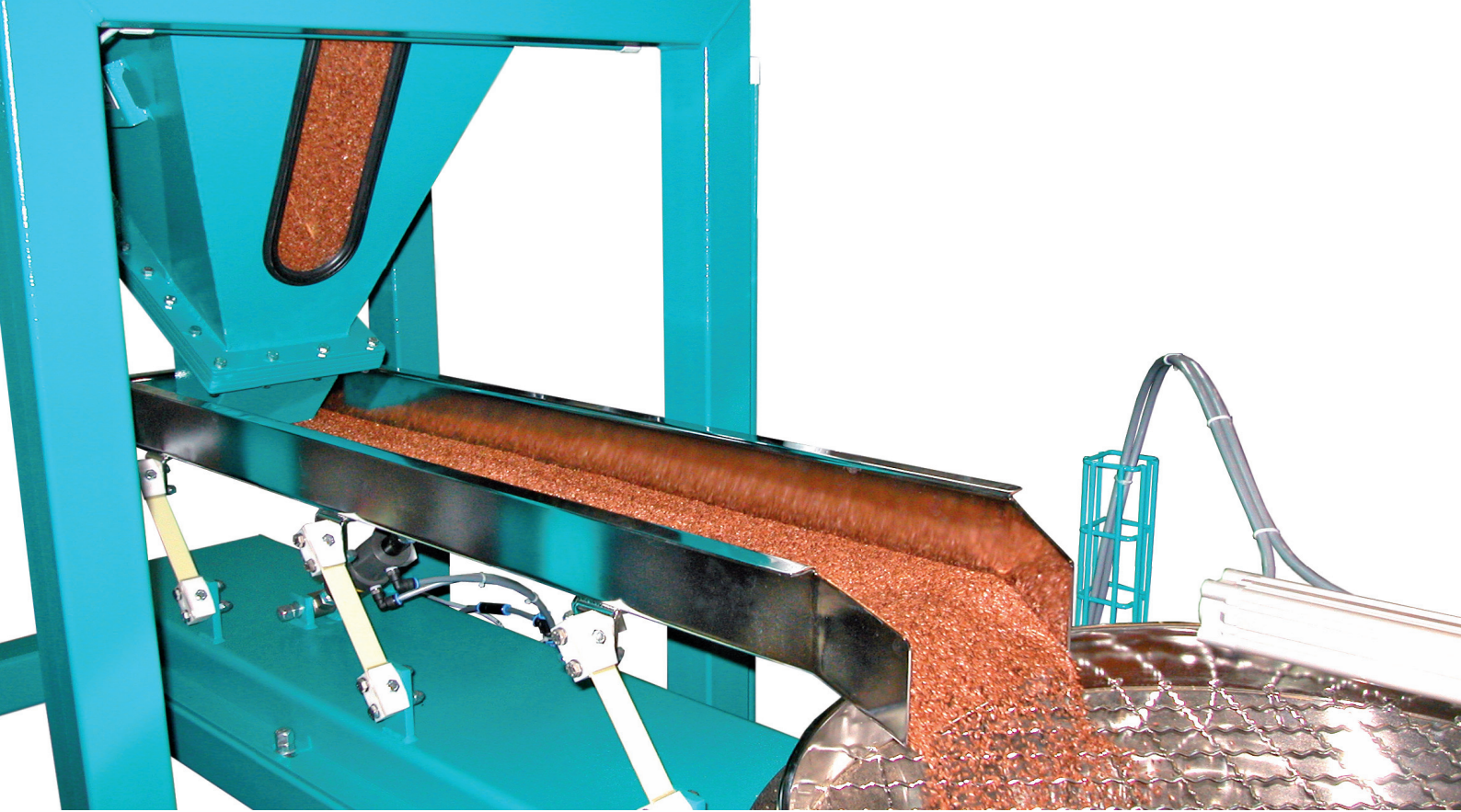


# EMIDE

WE UNDERSTAND BULK!



Dosing devices



*Dosing channel for granulate*

## Volumetric dosing

With increasing demands on product qualities, requirements for dosing accuracy and tolerance limits for recipe dosing are continuously increasing.

Reliably fulfilling these customer wishes requires precision dosing systems with intelligent dosing programmes and extensive experience in the handling of bulk materials. Volumetric dosages require a maximally uniform flow of material. Continuous dosing with a mass flow rate that is as constant as possible is ensured with the assistance of suitable conveying aids in the form of agitators, vibration engineering and fluidisation.

- Volumetric dosing with dosage variations  $< 5\%$
- Optimisation of product conveyors with activation aids
- Wide selection of dosing spirals and screws



*Double dosing screw in food design*



*Agitator for product activation and fluidisation*



Gravimetrically controlled batch dosing in the salt industry

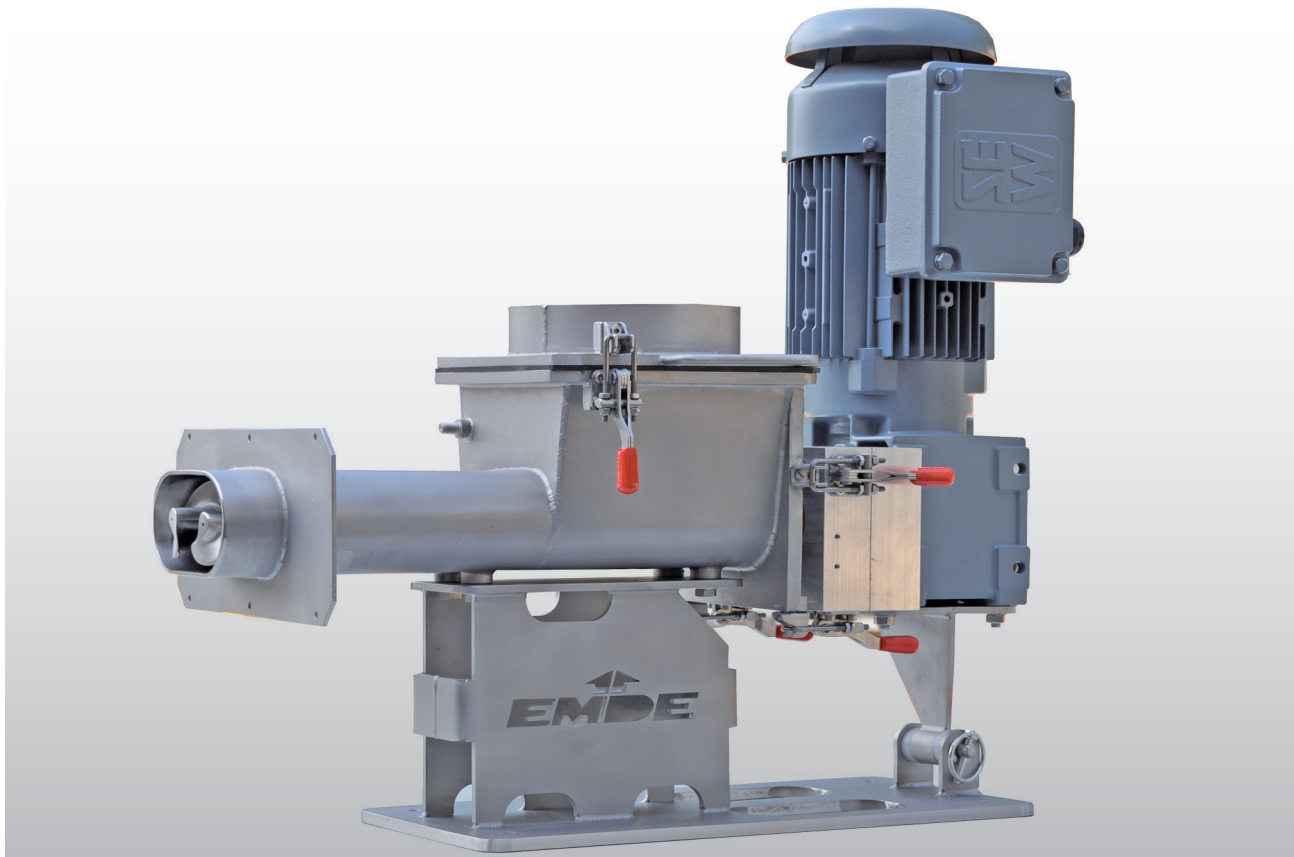
## Gravimetric dosing

Using gravimetric controlled dosing systems, the clear traceability of batches becomes possible. Recipe-controlled dosing systems guarantee consistently high product quality. Frequency-controlled dosing screw drives and/or servo drives and magnetic drives of dosing feeders keep the dosing variations within the tightest tolerance limits. A highly robust weighing frame with integrated DMS weighing cells and standardised dosing programmes is a tried and tested industrial solution for differential dosing.

- Traceability of batches by means of weighing engineering
- Dosing variations within the tightest tolerance limits
- Differential dosing depending on a fixed setpoint setting or with setpoint tracking
- Tried and tested standard differential dosing programmes




Differential dosing scales



Double screws with quick-exchange connection for drive & cover

## Special solutions for the most difficult applications

Not every bulk material is free-flowing and thus can be easily and uniformly dosed. In such instances, we seek out individual solutions matching the materials to be dosed. Through the relevant preliminary tests in the technical centre and intensive technical consulting by experienced sales engineers, we are able to find the right solution for your demanding dosing task.

- Product-specific individual solutions
- Pressure-proof and gas-proof designs
- Explosive-protected systems for gas and dust explosive areas 
- Double dosing screws for more uniform product dosing

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