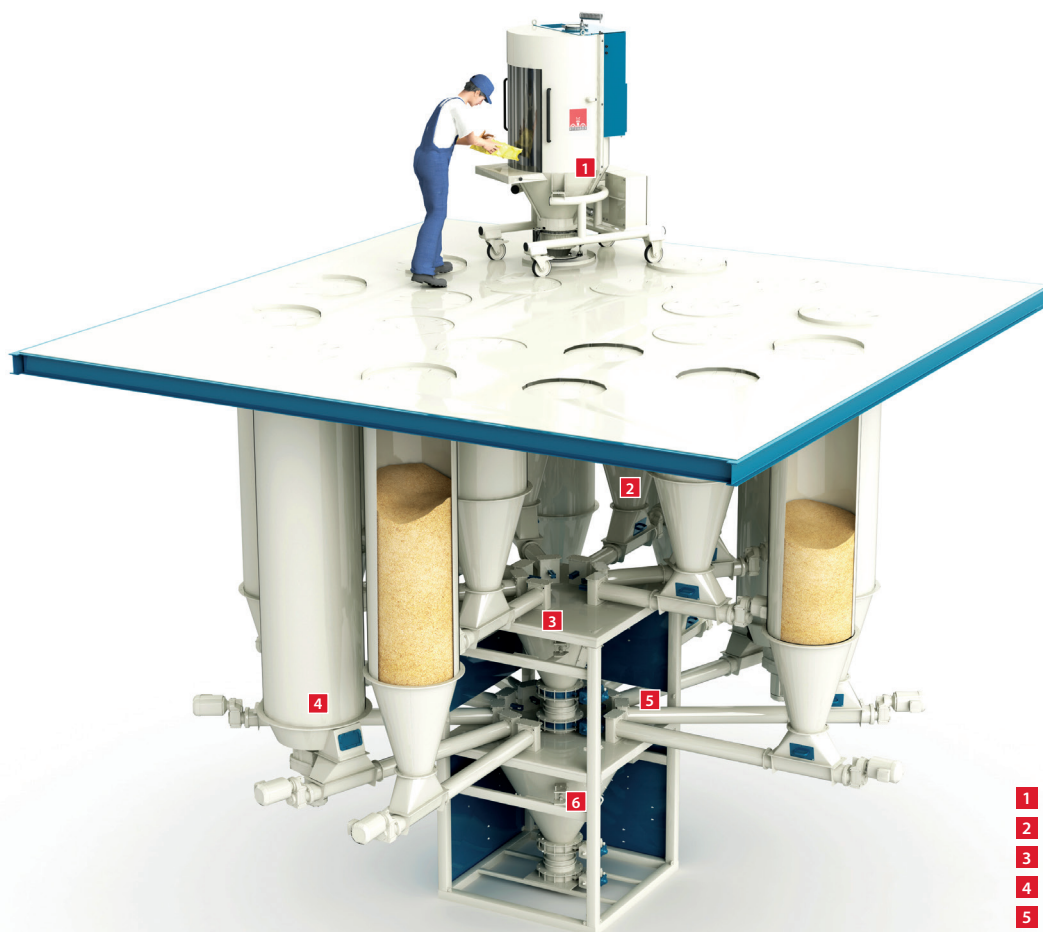




OTTEVANGER
MILLING ENGINEERS



Micro dosing system



- 1 Movable Tipping unit
- 2 Micro bin
- 3 Weigher 5 kg.
- 4 Rotary discharger with feederscrew
- 5 Pneumatic shutt-off valve
- 6 Weigher 10 kg.

General

The Ottevanger micro-ingredient dosing system can be designed to include up to 34 dosing cells, each equipped with a screw feeder. Rotary discharge equipment can be provided for poorly flowing products as an option.

The screw feeders discharge into one, two or three weighers, depending on the total number of components. The weighers can be set up on various levels and work simultaneously. In the set-up with three weighers the top weigher has a net weighing capacity of 5 kg, the middle one 10 kg and the bottom one 50 kg. They are accurate to 5, 10 and 50 g respectively.

The weigher has two flexibel rotary valves with a flexibel connection which acts as an airlock. The separate bins are made of stainless -or mild steel and have a special inner layer for food products. The dosing screws can have different diameters. Larger screws are provided with a smaller screw underneath to achieve optimum accuracy.

In modern feed plants can the micro-ingredient dosing system work inline with the central chargesystem.

The storage bunkers for the components are made from stainless steel or steel ST37 with a food-quality internal coating. The screw feeders may vary in diameter, with the larger ones having a fine-dosing feeder underneath for maximum accuracy.

In modern animal-feed installations the micro-ingredient dosing often operates in-line with the central batch system. Depending on the size of the batch it may be a good idea to homogenise the dosed micro-ingredients first with a carrier on a separate mixer before adding them to the main batch.

Features

- » high accuracy in weighing
- » flexibele formulation
- » fully automatic controlled proces
- » dustproof design

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