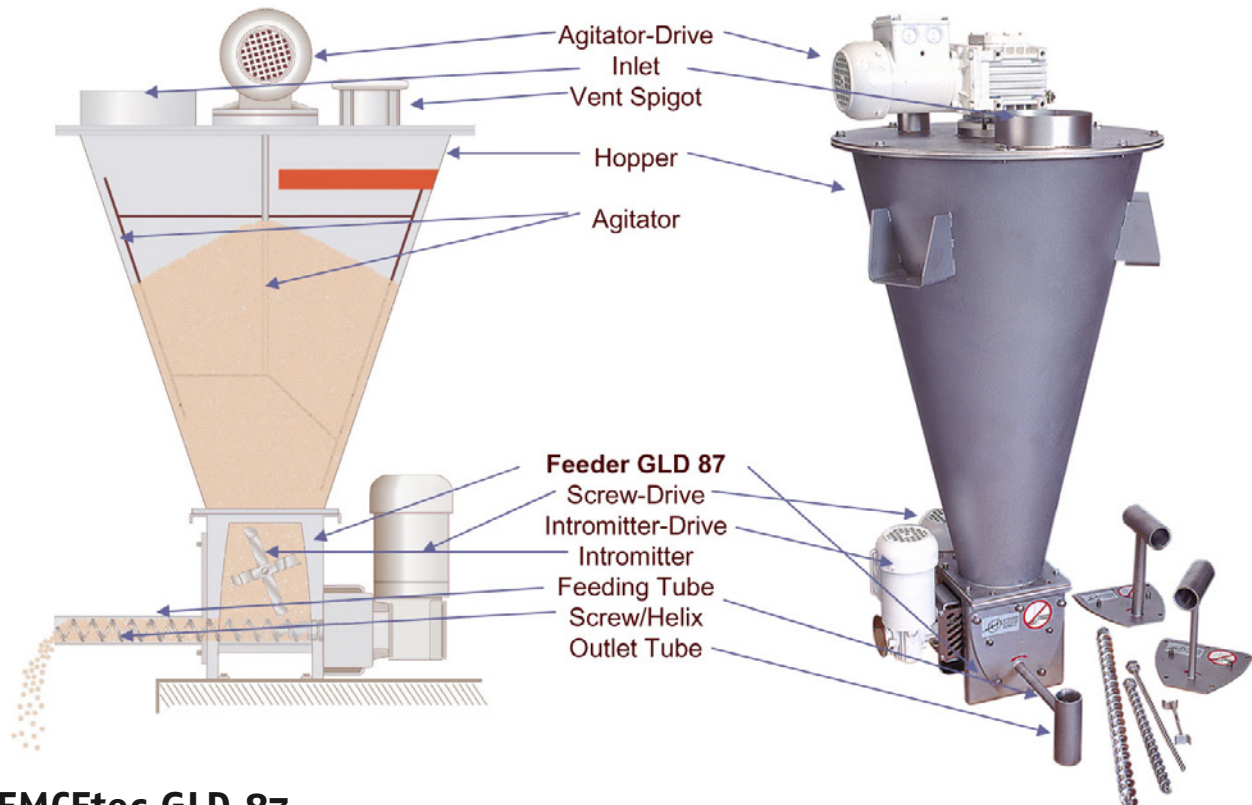




Mühlenchemie

makes good flours even better



EMCEtec GLD 87

Precision dosing device for ingredients

The dosing device EMCEtec GLD 87 for adding micro-quantities can be integrated into any existing milling or flour processing plant, either singly or in groups. It enables the dosing of ingredients, for example flour improvers such as ascorbic acid, enzymes and bleaching agents.

If two or more ingredients are to be added it is necessary to have two dosing devices or a premix of all the ingredients. We will be pleased to make up your premixes on request.

Components

- Speed controller manual or digital
- Stainless steel hopper, capacity 30 or 60 litres
- Lid with integrated agitator

Installation

The dosing device should be installed at the conveyor worm; the distance available after the dosing device should be at least 4 metres to ensure thorough mixing. Our technicians will be pleased to help you with the installation.

Practical example

A dosing device is to be installed at a mill with an output of 240 t/day. The hourly grinding capacity is 20 tons of wheat. At an extraction yield of 75 %, some 15 tons of flour per hour are conveyed by the worm. An active ingredient is to be added at a dose of 100 g/t. At 15 t/h a total quantity of 1.5 kg of the additive would be needed. With a specific gravity of 0.5 to 0.8 kg/l this corresponds to about 2.3 l/h.

This quantity is in capacity range 1 (1.1 – 22 l/h).

Further capacity ranges between 0.05 and 660 l/h can be supplied.

Dosing spirals with various different capacities are available.

Changing the dosing capacity

To change the dosing capacity it is necessary to replace the dosing spirals, the front plate with the dosing tube and the feed screw. This takes no longer than five minutes. Our EMCEtec precision dosing devices are in use in many mills throughout the world.