



## Dosing Weighers of the Series KDW

Gravimetric dosing systems for granulates and free flowing powder

### FUNCTION:

The material will be transported out of the hopper (option with level control) by a linear dosing unit in two phases, rough- and fine dosing, into the weighing pan.

Then it will be emptied in batches to the conveying channel. The slightest deviation from the set weight will be registered immediately by the dosing processor DPC 3000 and compensated in the same weighing cycle.

The conveying channel equalizes the single discharges and guarantees a homogeneous outlet. As conveying systems belts, vibration channels and vibration belts are at your disposal. Especially for bad flowing materials we recommend the use of vibration belts.

### CONTROLLER:

Dosing processor DPC 3000

### MATERIALS:

Granulates, glass fibre, free flowing powder and bulk materials of any kind

### STOCK<sup>1)</sup>:

30 litres or 60 litres rectangular hopper

### CONVEYING SYSTEMS:

Belts, vibration channels and vibration belts

### CAPACITY<sup>1) 2)</sup>:

0.5kg/h up to 2000kg/h

### OPTIONS:

Customers specific adaptations



The gravimetric dosing weighers of the series KDW are new developed continuous dosing systems for granulates, glass fibre and free flowing powder.

The throughput capacities are between 0.5kg/h up to 2000kg/h<sup>1)</sup> with a convincing accuracy up to 0.05%. This is based on the isolation of the weighing system (the weighing system is decoupled from the hopper) and the high soluted electronic weighing.

All KDW dosing systems are low-wear and almost maintenance-free. The parts which come into contact with the product are easy to clean. This fact is an advantage if you want to change the product. If requested, all parts which come into contact with the product will be manufactured of V2A (material no. 1.4301).

For a more detailed offer a sample of material, specifications of the desired troughput as well as the demanded accuracy are required. If you request we would be pleased to prepare a material specific measuring report.

<sup>1)</sup> Larger storage hoppers and throughputs upon inquiry.

<sup>2)</sup> The capacity specifications depend on the material.

The throughput is based on material with a bulk density of 1kg/dm<sup>3</sup>.