



## Batch Weighers of the Series DW

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 conveying system into the weighing pan. As conveying systems belts, vibration channels, vibration belts and screw conveyors are at your disposal. Especially for bad flowing materials we recommend the use of vibration belts or screw conveyors. The material will be transported in two phases, rough- and fine dosing. After reaching the given set weight the weigher waits for an external command which allows the discharge (e.g. of a press or a packaging machine). A new weighing cycle follows automatically.

### 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, vibration belts and screw conveyors

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

- 5 g up to 5000 g (depends on the volume of the weighing pan)
- 10 - 15 weighments/min

### ADDITIONAL EQUIPMENT:

Distributing systems, coordination tables, turntables, conveyor belts (upon inquiry)

### OPTIONS:

Customer specific adaptations



The gravimetric batch weighers of the series DW are new developed discontinuous dosing systems for all kinds of bulk materials with batch weights between 5g up to 5000g<sup>1)</sup>.

The advantage of the high soluted electronic weighing is the weighing accuracy up to 0.05%.

All DW 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 weighing capacity, the charge weight as well as the desired accuracy are required.

If you request we would be pleased to prepare a material specific measuring report.

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

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

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