

GDS-5E



GRAVIMETRIC DOSING SYSTEM

- Continuously operated gravimetric dosing system
- Main component supplied as free falling version, or dosed by screw
- One main component and max. 4 auxilliary components
- Simultaneous dosing of all components of the recipe
- 6 exchangeable dosing screws for different throughput ranges (from 1 up to 300 kg/h)
- Dosing unit for very low throughputs from 0,2 to 60kg/h
- Easy and quick cleaning, before changing the recipe
- User-friendly PLC control



Suitable for granules, additives and powders



Suitable for extruder operations in overfeed and underfeed mode



Full control of the Extrusion line

GDS-5E

Electrical Data

Main connection: 400 V, PE, 50/60 Hz
Protective system: IP 44

Dimensions

H x W (max.): 1200 mm x 1360 mm
Weight: max. 140 kg

Ambient Conditions

Max. temperature of bulk: 80°C
Max. ambient temperature during operation: +5°C up to +50°C
Relative air humidity: ≤ 80 %

Material

Mixing support and upper part: Cast aluminum alloy
Mounting plate: aluminum
Weighing hopper: stainless steel/plexiglass
Inlet part: stainless steel

Net volume

Maximum throughput: 300 kg/h
Weighing hopper: 6, 15 or 25 l
Load cells: 7,2; 12; 18 kg

Degree of accuracy

System* < 0,5 %
Load cells* 0,015 %

*Performance and dosing depending on the bulk cargo

Options

- High-temperature version
- Clean-room version
- Automatic feeding of the dosing stations
- Cleaning opening with scavenging connection
- Remote maintenance
- Automatic screw calibration

Gravimetric Dosing System

