

LABOTEK

MCWeight

Self-regulating additive feeding system for extruders



100 kg/h



500 kg/h



1000 kg/h

Labotek
Power in Plastics

MCWeight Self-regulating additive feeding system for extruders

Working principles

The MCWeight has a built-in weighing module connected to two load cells, and uses the loss-in-weight principle to accurately measure throughput. It is automatically filled through an integrated, pneumatic knife gate in the top flange. The system can be connected to a standard Ethernet network or use an optional analog output card or Profibus card.

- Plug and Play
- Material saving
- Quality control
- Color changes

Technical Specifications

Power supply: 80-260 Vac, 50/60 Hz
(with automatic voltage selector)

Power consumption: 150 Watt max.

Operating temp.: -20°C to +160°C

Operating temp. control unit: -20 to +70°C

Languages: English, German*

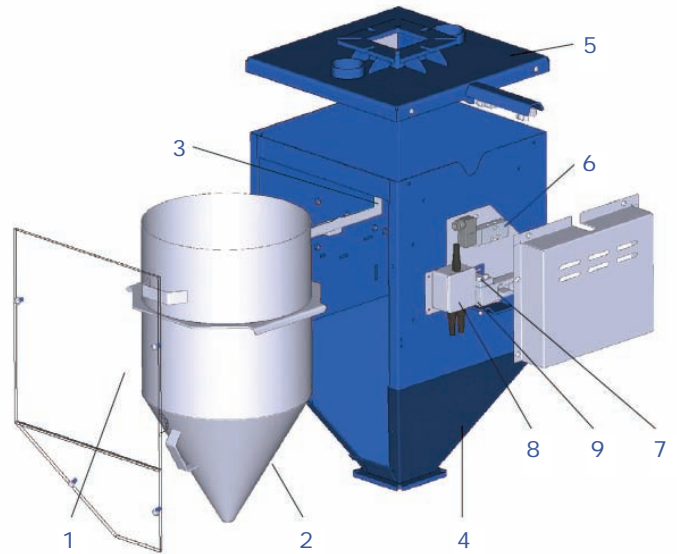
Operation: Menu guided control/TC

Input signals: potential free or 24 Vdc start input

Output signals: Alarm

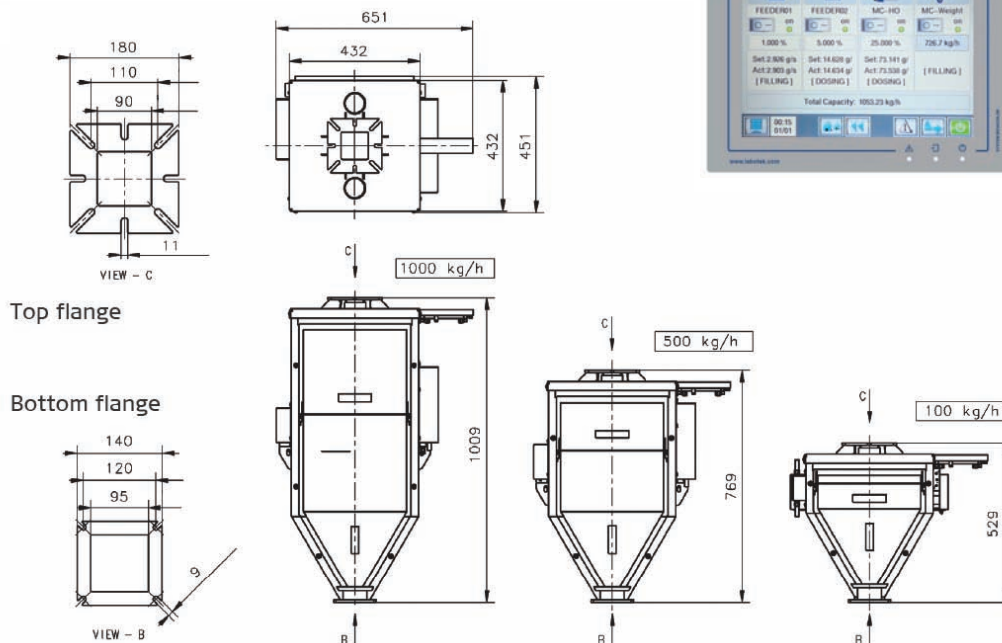
Data storage: Internal memory (static changes), MCLAN data log software (dynamic changes)

*) Other languages on request



- 1 Window
- 2 Weighing hopper (40 liter)
- 3 Framework
- 4 Body
- 5 Lid including knife gate
- 6 Solenoid valve for knife gate
- 7 Load cell (2x)
- 8 Connection box for load cells
- 9 Load cell safety bolt

Dimensions



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