



MCHIGH OUTPUT

- ✓ Full gravimetric control
- ✓ Easy to clean: the motor/screw assembly can be removed without tools
- ✓ Can handle granulates, difficult regrinds and free-flowing powders
- ✓ Equipped with an integrated slide valve to control the material loading
- ✓ Can handle hot materials up to 180°C
- ✓ Industry 4.0 ready

MCHIGH OUTPUT

The MCHigh Output is the gravimetric answer for dosing high capacities from 50 kg/h up to a maximum of 1,200 kg/h. The system doses this high output of additive without making any concessions to accuracy. The gravimetric technology makes this possible for both injection molding and extrusion applications.

The unit has an integrated weighing module that precisely measures the throughput by the loss-in-weight principle. The fully gravimetric system continually calibrates the dosage and adjusts automatically. The refilling of the MCHigh Output is controlled by an integrated pneumatic operated knife valve at the top flange.

The MCHigh Output handles granulates, difficult regrinds and free-flowing powders. It is capable of processing hot materials up to 180°C.

"The MCHigh Output is perfectly capable of dosing our dried PET flakes that reach up to 180°C"

Benefits

Wide capacity range

The MCHigh Output comes in three sizes, max. 100, max. 500 and max. 1,200 kg/h.

Multi material dosing

Specially designed to handle the most difficult materials including bad flowing powders and large regrinds.

Easy integration

The MCHigh Output can easily work in conjunction with other Movacolor dosing units. This allows more flexibility in handling different materials or outputs at the production line.

Gravimetric or volumetric

The MCHigh Output is available in a gravimetric or volumetric version. The volumetric dosing unit comes with a MC18 controller.

Specifications

APPLICATIONS

Injection molding and extrusion

COMMUNICATION

Modbus TCP/IP, Profibus***, Profinet***, OPC/UA***

External communication

Standaard PC link using TCP/IP or Modbus-TCP protocol

OPERATION

8" full color touch screen display

POWER CONSUMPTION

150 Watt maximum

Speedometer

Digital

CAPACITY

HO100 15-100 kg/h*

HO1200 50-1200kg/h*

HO500 25-100 kg/h*

DATA STORAGE

Internal memory (static changes), MCSmart datalogging software (dynamic changes), 1,000 recipesstora

LANGUAGES

English, German, Dutch, French, Hebrew, Turkish,Chinese, Thai, Japanese, Russian, Italian, Czech, Portuguese, Spanish, Indonesian, Polish, Korean,Hungarian, Swedish, Romanian****

OUTPUT SIGNALS

Alarm, warning, run, valve (for hopper loader control),2x0-10 VDC** or 4-20 mA**

Optional extra two analog inputs and two analog outputs (0-10 VDC or 4-20 mA)

POWER SUPPLY

230 VAC, 50 Hz or 115 VAC, 60 Hz



LEADERS IN DOSING TECHNOLOGY