



MCHIGH OUTPUT 2500R

- ✓ Fully gravimetric control
- ✓ Can handle low bulk density regrinds
- ✓ Direct mount loader option
- ✓ Magnet bars for separating metal parts
- ✓ Water-cooled neckpiece with integrated mixer
- ✓ Industry 4.0 ready

MCHIGH OUTPUT 2500R

The MCHigh Output 2500R is a complete system for feeding low density regrind at high dosing rates. The unique design, with a mixing rate of maximum 75%, can be mounted directly on top of the injection molding machine or extruder. The gravimetric technology controls the dosing rate and provides exact material consumption data for track and trace purposes.

The unit has an integrated weighing module that precisely measures the throughput by the loss-in-weight principle. Refilling of the hopper can be done either by direct mounting of the hopper loader on top of the system or by the integrated knife valve at the top flange. The refilling is controlled by the gravimetric system. The MCHigh Output 2500R handles granulates and difficult regrinds like PET bottle flakes. It is capable of processing materials up to 180°C.

The water-cooled neckpiece with integrated mixer ensures the right mixture of materials for your product and the possibility to add additional dosing stations for masterbatch or other additives.

Benefits

High mixing rate

The MCHigh Output 2500R is capable of adding up to 75% low bulk density regrinds in the main material stream.

Direct mounting

Integrated support frame for the MCHigh Output 2500R measuring unit for direct mounting on the processing machine feed throat.

Easy integration

The MCHigh Output 2500R can easily work in conjunction with other Movacolor dosing units. This allows more flexibility in handling different materials or outputs at the production line.

Specifications

APPLICATIONS

Injection molding and extrusion
non-repelletized regrinds

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

View options (summary)

Status overview multiple units

CAPACITY

50-2500 kg/h*
75% mixing rate for regrind flakes**

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, 2x0-10 VDC** or 4-20 mA**

POWER SUPPLY

230 VAC, 50 Hz or 115 VAC, 60 Hz



LEADERS IN DOSING TECHNOLOGY