

# MMS 40 Weight

Sophisticated real-time extruder throughput measurement system.

The MMS 40 Weight is specially designed to measure the actual feed capacity of an extruder. It has an integrated weighing module to accurately measure throughput and an integrated knife valve to control the filling. Combined with one or more Movacolor units, the MMS 40 Weight tracks even the smallest capacity variation of the extruder. It adjusts the additive dosing from the dosing units accordingly. Dried material with a temperature up to 180°C can be handled with the MMS 40 Weight.

This throughput measurement system enables you to get the best out of your extrusion line. It gives you real time insight into your actual line capacity and tracks the consumption of your materials. In combination with our MCLine Control it can even control your complete extrusion line including upstream and downstream equipment.

## Features

- ▶ Real-time insight in your extender throughput
- ▶ Easy to clean and maintain through inventive hopper design
- ▶ Traceability of your main material consumption
- ▶ Capable of handling virgin, masterbatch and regrind

## Capacity

- ▶ Throughput capacity up to 1000kg/h
- ▶ Weighing hopper capacity 40L

## Accuracy

- ▶ Up to 0,02%

## Process

- ▶ (Co-)Extrusion

## Configuration

- ▶ Configurable with a 5, 20, 40 or 60L hopper
- ▶ Hopper loader
- ▶ Extrusion line control add-on
- ▶ Dosing stops
- ▶ Part of the Movacolor modular dosing concept

## Operation

- ▶ 8" full colour touch screen display
- ▶ Capable of controlling multiple (co-) extrusion lines
- ▶ Internal memory for static changes
- ▶ Store up to 1000 recipes
- ▶ Multilingual

## Power

- ▶ Supply: 95-250 VAC, 50/60 Hz by integrated automatic voltage selector
- ▶ Consumption: 150 Watt maximum

## Materials

- ▶ Masterbatch
- ▶ Virgin
- ▶ Regrind
- ▶ Up to 180 °C

## Design

- ▶ Modular
- ▶ Compact and robust
- ▶ Also available in a powder edition
- ▶ Engineered and assembled in The Netherlands

## Communication

- ▶ Modbus TCP/IP, Profibus, Profinet, OPC/UA
- ▶ Alarm, Warning, Run
- ▶ 2x0-10 VDC or 4-20 mA
- ▶ Potential free, 24VDC or extruder tacho (0-30VDC)



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