



## MCCONTINUOUS BLENDER

- ✓ Capacities up to 2,000 kg/h. Fully gravimetric
- ✓ Modular system: granulates, regrinds, powders and liquids
- ✓ Handles up to 15 components
- ✓ Multiple continuous blenders on one standard controller
- ✓ High accuracy and direct response to recipe change
- ✓ Integrated loader control
- ✓ Can be extended or modified easily for future needs
- ✓ Industry 4.0 ready

## MCCONTINUOUS BLENDER

Advanced blending systems are often seen as complete plant engineered solutions. Movacolor has developed a unique modular system that allows you to put together a full gravimetric continuous blending system.

Up to 15 components can be controlled from one controller. These systems can be installed on one extruder or on multiple co-extruders, creating a control platform for multiple continuous blenders in one system.

The system grows with your future needs. New components can easily be integrated without changes to the controller. The MCContinuous Blender covers most of the available materials like granulates, regrinds, powders and liquids.

All this in one system, with one standard controller and integrated loader control.

All the benefits of a continuous blender are suddenly within your reach.

Our experience with in-line gravimetric dosing helps you to achieve the required accuracy for all your components, directly on the extruder.

## Benefits

Modular control system The 8" full color touch screen controller can control up to 15 components on either one extruder or divided over several co-extruders. Standard software can be configured on the spot and systems can be expanded without additional controller changes.

Different materials handled All standard Movacolor gravimetric units can be integrated into one blending system, able to dose granulates, regrinds, powders and liquids in the configuration you wish.

# Specifications

## APPLICATIONS

Extrusion

## DATA STORAGE

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

## OPERATION

8" full color touch screen display

## POWER CONSUMPTION

150 Watt maximum

## Speedometer

Digital

## COMMUNICATION

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

## External communication

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

## 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**