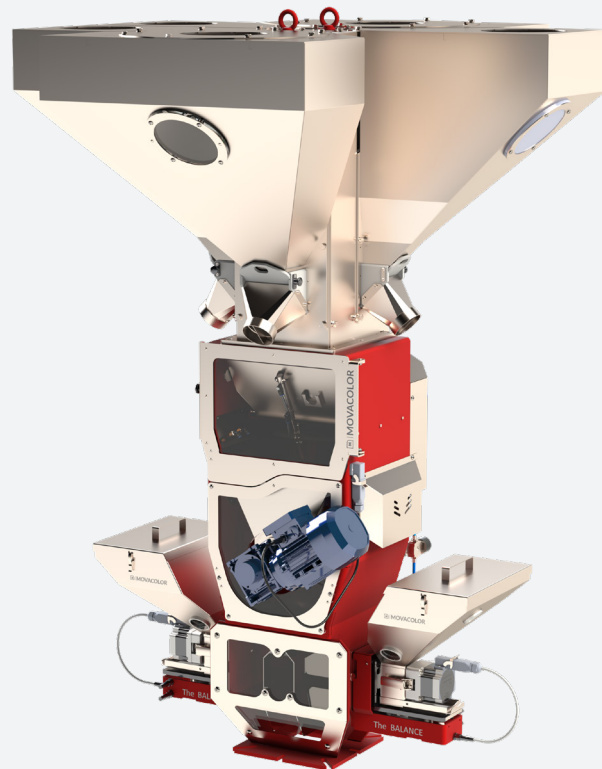


Go beyond  
blending



# MHBS 205 Hybrid Blender

Robust dosing and batch blending system combined into one single system for optimal results.



## — Specifications



Accurate up to  
0,02% through  
unique valve design



No mechanical  
and/or moving parts  
inside the hoppers



High throughput  
up to 900 kg/h



Full traceability of  
critical components

### Capacity

Throughput up to 900 kg/h\*  
Weighing bin capacity 6 liters  
Mixing chamber capacity 20 liters  
With overdrive mode

### Accuracy

Up to 0,02%

### Process

Injection molding  
Extrusion  
Blow molding  
Compounding

### Configuration

Configurable with 2-8 hoppers  
Configurable with 1-6 MDS Balances  
(or other dosing units)  
Hopper loaders  
Can be placed off-line  
Optional real-time throughput  
measurement  
Part of the Movacolor modular  
dosing concept

### Communication

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

### Operation

8" full colour touch screen controller  
Internal memory for static changes  
Logging software for dynamic  
changes  
Store up to 1000 recipes  
Multilingual

### Power

Supply: 230 VAC, 50 Hz or  
115 VAC, 60 Hz  
Consumption: 400 Watt maximum

### Materials

Masterbatch  
Regrind  
Liquid  
Powder  
Up to 180 °C

### Design

Modular  
Stainless steel  
Hoppers with easy drain system  
High efficiency mixer  
Compact and robust  
Made in The Netherlands

\*Go to [movacolor.com/disclaimer](http://movacolor.com/disclaimer) to view the disclaimer

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