

Movacolor Dosing solutions

Movacolor provides a comprehensive offering of dosing solutions, from volumetric and gravimetric to optometric technologies, catering to diverse material forms such as granules and liquids, and accommodating various throughput levels from pellet-to-pellet to high throughput.

The volumetric solutions stand out as a cost-effective means of feeding materials into production processes.

The gravimetric solutions provide continuous control over critical and expensive additives. Each dosing unit is placed on an individual load cell, monitors loss-in-weight and adjusts material flow to maintain precision and consistency.

The optometric solution is powered by laser technology for pellet by pellet dosing making it ideal low dosing capacities and small shotweights.

Movacolor Blending solutions

The MBS batch blenders provide gravimetric gain-in-weight control of all recipe components. The materials are collected in a weighing bin and blended together to create a homogenous mix.

Movacolor offers a wide range of blenders for dosing a wide variety of materials into many different applications.

Movacolor Measuring solutions

The measuring solutions offer gravimetric control and real-time insight into main material consumption. The Totalizer utilizes gain-in-weight technology to measure material conveyed to a hopper loader.

The Weight employs loss-in-weight technology for real-time insight in the extruder's throughput.

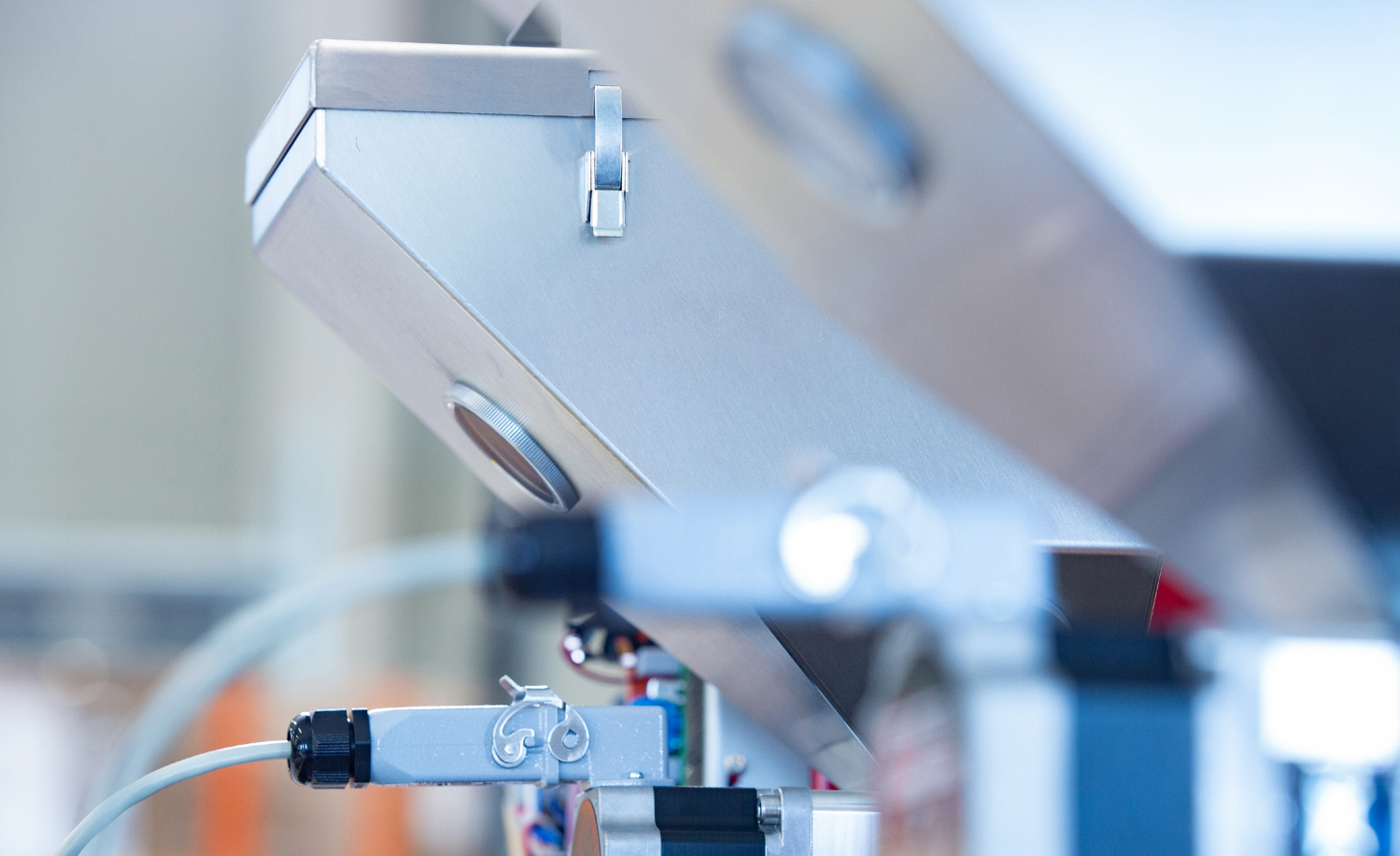
Movacolor Hybrid Blending solutions

Combine the best of both worlds: blending and inline dosing integrated into one system.

Improve shot-to-shot accuracy, increase blend homogeneity and save material costs by feeding your critical additives into the pre-mixed main materials. Ability to handle granules, liquid and powder in one system.

Movacolor Configured solutions

Our commitment extends beyond standard offerings as we go the extra mile to deliver a solution tailored to your specific production process.



The Movacolor modular solutions

Tailored blending, dosing and measuring solutions for the plastics industry.

Unique modular system offering flexibility addressing evolving needs as well as easy software upgrades.

The Movacolor modular blending, dosing and measuring concept

Our mission is to support plastics producers in achieving their sustainability goals. We do this through our unique modular blending, dosing and measuring concept. This concept ensures plastics manufacturers can easily reduce waste, process recycled material and save costs.

Our solutions have an intuitive design and are made from robust stainless steel, making them endure throughout the years. Our solutions effortlessly integrate with Industry 4.0 technologies, allowing you to make your entire production line work together.

Our modular design allows flexibility in evolving needs by providing configuration possibilities, which helps us tailor our solutions to align with diverse plastics production processes.

Why Movacolor

- 35+ years of experience and knowledge in plastics blending, dosing and measuring
- 5 year warranty
- In-house engineering department
- Short delivery times
- Global product support
- Designed and assembled in the Netherlands



5 year warranty

Movacolor products are designed and manufactured to the highest standards and deliver high-quality performance. In the unlikely event of a product failure, Movacolor will, subject to conditions*, ensure your product is serviced and repaired free of charge.



Global Support

Need help with (the installation of) your Movacolor product?

Our global support team will be happy to assist you.

Tailored blending, dosing or measuring systems, suited to your plastics production process.

Visit movacolor.com to find out more about our modular dosing concept and how you can configure your own dosing solution!

Americas

228 E 45TH ST - RM 9E
New York, NY 1001, United States
info@movacolor.com

APAC

Jln. Persiaran Bdr Utama 1 (HN)
47800 PJ Selangor, Malaysia
+60 102 082 560 | info@movacolor.com

EMEA

Wolkammersstraat 5
8601 VB Sneek, The Netherlands
+31 515 570 020 | info@movacolor.com



Dosing solutions

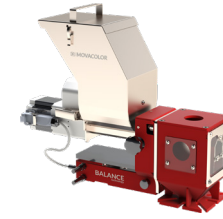
G-SERIES

MDS Balance



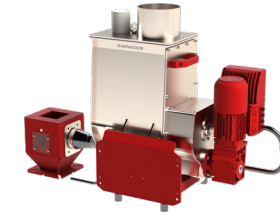
- Throughput 0,04 - 180 kg/h
- Granulate, free-flowing powder, regrind
- 3 material hoppers, 9 dosing tools
- Cleanroom, High-temp, Off-line versions available

MDS Balance Powder NFF



- Throughput 0,05 - 45 kg/h
- Non-free-flowing powder, free-flowing powder
- 2 hoppers, 3 twin spiral dosing tools

MDS HO Balance Powder NFF



- Throughput 10 - 450 kg/h
- Non-free-flowing powder, free-flowing powder
- 1 hopper, 2 single spiral dosing tools

MDS HO Balance



- Throughput 15 - 1200 kg/h
- Granulate, regrind
- 3 hoppers, 2 augers

MDS HO Balance Powder FF



- Throughput 25 - 1200 kg/h
- Granulate, free-flowing powder, regrind
- 2 hoppers, 2 augers

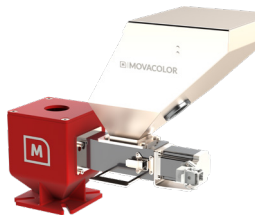
MDS Balance Liquid



- Throughput 0,04 - 35 l/h
- Liquid
- 2 drums, 2 pump types

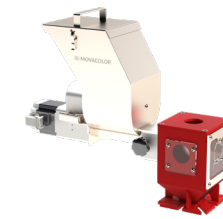
V-SERIES

MDS Volumetric Feeder



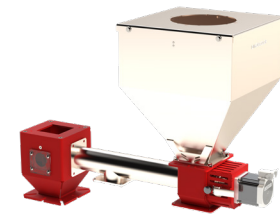
- Throughput 0,04 - 180 kg/h
- Granulate, free-flowing powder, regrind
- 2 hoppers, 9 dosing tools

MDS Powder Feeder NFF



- Throughput 0,05 - 45 kg/h
- Non-free-flowing powder, free-flowing powder
- 2 hoppers, 3 twin spiral dosing tools

MDS HO Feeder



- Throughput 15 - 1200 kg/h
- Granulate, free-flowing powder, regrind
- 2 hoppers, 2 augers

MDS Liquid Feeder



- Throughput 0,04 - 35 l/h
- Liquid
- 2 drums, 2 pump types

MDS Compact Feeder



- Throughput 0,18 - 3,6 kg/h
- Granulate
- 3 hoppers, 1 dosing tool

O-SERIES

MDS Nexus



- Throughput 0,15 kg/h
- Granulate
- 2 hoppers, 3 dosing discs
- Cleanroom version available

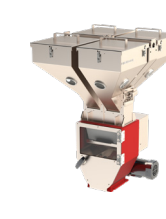


Scan to explore more about our dosing solutions!

Movacolor products can be used for all plastics production processes such as; injection moulding, extrusion and blow moulding

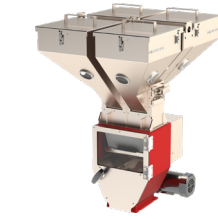
Blending solutions

MBS 1-series



- Throughput 135 kg/h
- Granulate, regrind
- 1 configuration
- Off-line versions available

MBS 3-series



- Throughput 480 kg/h
- Granulate, regrind
- 5 configurations
- High-temp, Off-line versions available

MBS 20-series



- Throughput 1600 kg/h
- Granulate, regrind
- 8 configurations
- High-temp, Off-line versions available

Hybrid blending solutions

MHBS-series



Combine the MBS blender with one or multiple dosing solutions for enhanced shot-to-shot accuracy, increased blend homogeneity and savings on expensive additives.



Use the QR code for more details on our website!

MBS 20-extrusion series



- Throughput 1600 kg/h
- Granulate, regrind
- 8 configurations
- For blow moulding and extrusion - loss-in-weight control
- High-temp, Off-line versions available

MBS 20-recycling series



- Throughput material depending
- Granulate, regrind, flakes, PCR
- 1 configuration
- High-temp, Off-line versions available



Learn more about our blending or measuring portfolio!

Measuring solutions

MMS Weight



- Throughput 2500 kg/h
- Granulate, regrind
- 4 configurations
- For blow moulding and extrusion - loss-in-weight control
- High-temp version available

MMS Weight Powder FF



- Throughput 2500 kg/h
- Granulate, free-flowing powder, regrind
- 2 configurations
- For blow moulding and extrusion - loss-in-weight control
- High-temp version available

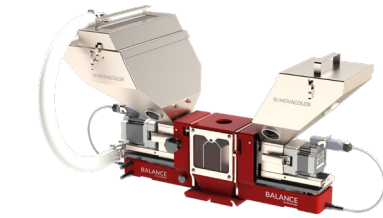
MMS Totalizer



- Loader + material max 75 kg/h
- Granulate
- 1 configuration
- High-temp version available

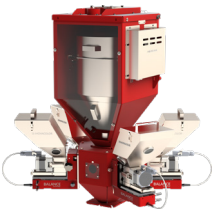
Configured solutions

MCS Regrind



Simultaneously dose masterbatch and regrinds and save substantial on material costs. Unique algorithms adjust dosing of additives or colorants based on availability of regrind.

MCS Continuous Feeder



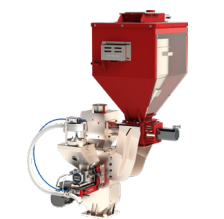
Continuous gravimetric multi-component feeder designed for accuracy, automatic adjustment to extruder capacity variation and real-time throughput measurement of the extruder.

MCS Off-line dosing



Precise dosing from plant floor: achieve high dosing accuracy and blend homogeneity by ruling out machine vibrations with our innovative floor-level dosing solution. No more hazardous climbing on ladders or stairs to access your dosing equipment.

MCS HO Balance rPET



Comprehensive system designed for feeding low density flakes at high rates. Features a water-cooled neckpiece with an integrated mixer plus options for extra dosing stations for masterbatch/additives. Ideal for PET preform production.