

# PRESS RELEASE

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**MOTAN : BOOTH NO. 3G22**

**On display, the new**

## **Gravimetric dosing/blending unit MINICOLOR G**

The compact gravimetric dosing/blending unit for the addition of masterbatch/additive in granular form is suitable for use on injection moulding/blow moulding machines and extruders; it is insensitive to vibrations and specially designed for mounting directly onto the feed throat of the processing machine ensuring masterbatch savings of up to 50 %. The masterbatch storage bins can be removed together with the associated dosing screw allowing for a very fast colour change and easier cleaning.

The proven gravity mixing technique guarantees a homogeneous material mix and eliminates separation which could occur with mechanical mixing. The speed of the dosing screw is continuously monitored and automatically adjusted to the dosing throughput resulting in maximum repeatability. The dosing station for masterbatch or additive sits on a robust but extremely precise load cell and operates using loss-in-weight metering technology. Permanent weighing offers operational security for high level requirements. Manual calibration which is necessary with volumetric units, is carried out automatically with the MINICOLOR G. With the GRAVInet control the complete dosing process is documented ensuring easy traceability. On the touch screen with colour graphic display the different operating states can easily be monitored and traced, and the Ethernet connection provides full network possibilities for the systems. With the separate microprocessor control in standard S version for one dosing station, hopper loaders can be connected and up to 10 recipes stored. Colour or additives are simply entered as percentages.



Using the advanced A control version, up to two dosing heads can be controlled. Up to 50 recipes and cumulated material throughput data can be archived and documented which is a very important feature, particularly for ISO-certified companies.

The MINICOLOR G is the low cost and reliable solution for dosing and blending of a broad range of plastics materials. Corrosion-free materials and the proven and tested solid design guarantee a long service life and trouble-free application of the units.

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For more information, please contact:

Motan Pte Ltd

30 Boon Lay Way, Unit WH 1-1

Singapore 609957

Tel: +65 6873 7666

Fax: +65 6873 7555

Email: [germaynet@motan.com.sg](mailto:germaynet@motan.com.sg)