

EASYCOLOR

Volumetric dosing

EASYCOLOR is the good economical alternative to the gravimetric dosing solution, when it is still required a good precision and a simple control, without the need of a weight control. EASYCOLOR is suitable to dose masterbatches or additives, both on Injection Molding Machines, or on Extruders.



OPERATING PRINCIPLE

According to the internal programming, EASYCOLOR can work in different ways:

- When on an IMM, EASYCOLOR doses a certain quantity of MB or additive only during the plastification phase of the IMM. This quantity can be programmed, and it will be always the same at each cycle of the IMM.
- When on an extruder EASYCOLOR doses a certain quantity of MB or additive continuously. This quantity can be programmed, but also the dosing speed of the doser is synchronised to the speed of the extruder, changing automatically at every variation, so that at the end always the same percentage of additive is dosed.



MAIN FEATURES

FEATURES

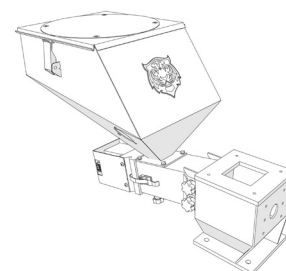
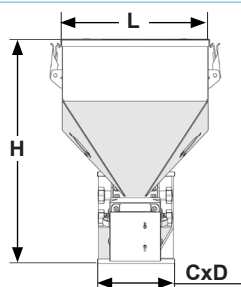
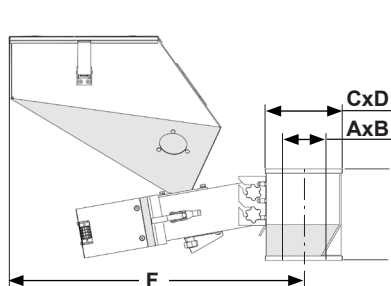
- Wide range of dosing:
 - from 0,08 to 15 Kg/h with EASYCOLOR 1
 - from 2,5 to 120 Kg/h with EASYCOLOR 2
- Stepper motor without brushes.
- Equipped with adapter for a direct coupling to the machine.
- Quick fit plug for adaptor.
- Digital regulation and control display.
- Independent control panel.
- Compact dimensions and easy to install.
- It can be fitted to a static mixer when the bulk density of the materials are similar or to a dynamic mixer when a deeper homogenization is required.
- Level sensor and central residence hopper as optional.

MODELS

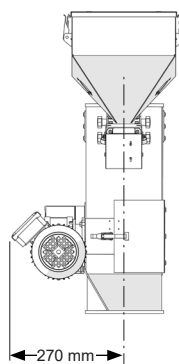
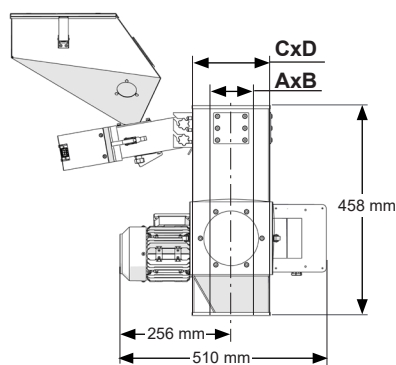
- Two models are available:
 - EASYCOLOR 1
 - EASYCOLOR 2
- All the models can be supplied in version for injection molding machine or in version for extrusion.
- In the configuration for IMM, it's offered the possibility to work in BASIC or ADVANCED mode on the same machine.

TECHNICAL DATA

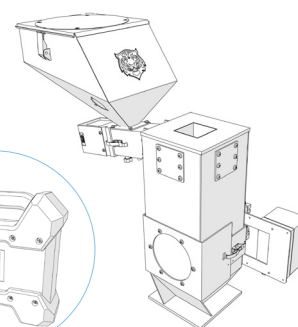
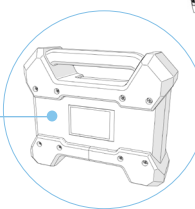
• Static mixer



• Dinamic mixer



Optional
BUDDY



Materials: additives and masterbatch in granules
Applications: injection molding, extrusion, blow molding

MODEL	EASycOLOR 1	EASycOLOR 2
Tension alimentation	230 V / 1Ph. 50-60 Hz	
Hopper capacity (dm ³)	2-8 (2 in plexiglass or 8 in metal)	8-15 (in metal)
Screw diameter (mm)	12	24
Screw pitch (mm)	8	25
Min-Max production (kg/h)*,**	0.08 - 15	2.5 - 120
Power (kW)	8	25
Noise level (dB)	<60	
Dimension A x B (mm)	65 x 65	
Dimension C x D (mm)	140 x 140	
Dimension F (mm)	430 ÷ 444	527
Dimension H (mm)	390	407
Total weight (kg)	12 ÷ 18	24

*Referred to an average bulk density of 0,6 kg/dm³; **the flowrate is considered in continuous mode.

TECHNICAL FEATURES - OPTIONS ⁽¹⁾	EASycOLOR 1	EASycOLOR 2
ADVANCED control with recipes for IMM	x	x
Conversion control BASIC - ADVANCED	x	x
Predisposition for second doser connection	x	x
HT version for PET	o	o
Static mixer frame	o	o
Dynamic mixer	o	o
Hopper in transparent plexiglass	o	-
Integrated single-phase loader	o	o
Integrated venturi loader	o	o
Minimum level sensor	o	o
Minimum level acoustic-visual alarm	o	o
Customized drilling	o	o
Customized adapting flange	o	o

⁽¹⁾ x = included; o = optional