



EASYDISK

Volumetric dosing system

EASYDISK, is a synchronized, digital dosing system designed to precisely dose plastic additives (either in pellet or powder form) on any plastics processing machine, whether injection molding, blow molding, or all extrusion application.

PRINCIPLE OF OPERATION

Precise dosing of additives is achieved by using a correctly dimensioned dosing disc in combination with permanent-magnet synchronous motor.

This combination allows for additives to be dosed in synch with the processing machine and the flow of the main component material.

When the additive and main material hit the processing screw, they will be mixed at exactly the right proportion, according to your inputted recipe.



MAIN FEATURES

GREAT ACCURACY & CONTINUOUS CONTROL SYSTEM

When the additive and main material hit the processing screw, they will be mixed at exactly the right proportion, according to your inputted recipe.

HOMOGENEOUS MIXING

Easydisk guarantees homogeneous mixing every time without risk of de-mixing, even with the use of micro-batch (or micro-pellets).

FAST MATERIAL CHANGE

Our design makes changing material almost effortless. Simply lift the two quick releases and lift the additive station. Using a replacement station, the changeover is immediate.

DIRECT INSTALLATION

Easydisk is mounted directly in the throat of the processing machine.

CE APPROVAL

The dosing system fulfils the European "CE".

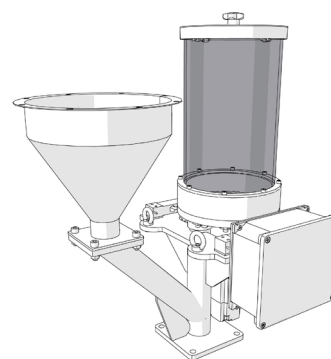
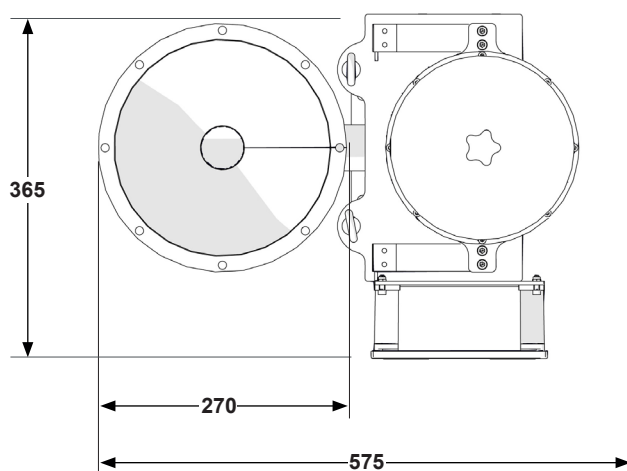
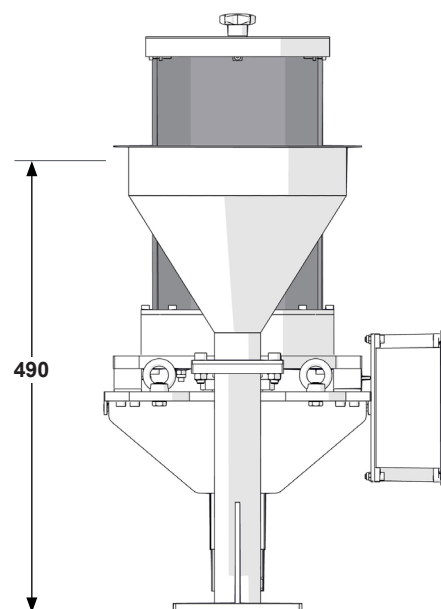
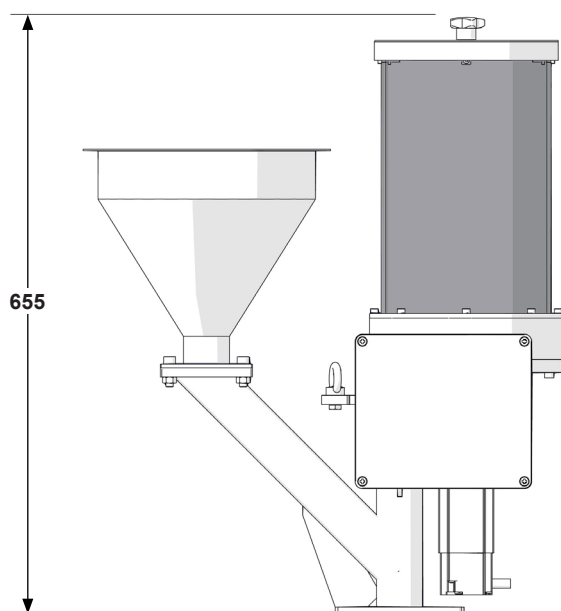
OPTIONAL EQUIPMENT

- Spare station for immediate changeover for pellets or powders
- Option for abrasive materials
- Audible alarm
- Alarm light
- Low level sensor
- Intermediate hoppers for main component side
- Hopper loaders for automatic refill
- Special voltage
- Larger base piece for larger processing machines.

INDUSTRY 5.0 & IoT

All Syncro machines are ready to be integrated with third party supervisory controls and ERP systems using the latest generation of OPC-UA protocols as standard.

TECHNICAL DATA



Model*	Up to Kg/h
Easydisk S	0,5
Easydisk M	5
Easydisk L	25
Easydisk XL	200
* The dimensions indicated refer to the Easydisk M model. The dimensions of other models will be provided upon request.	