Compact Volumetric Feeders

Designed expressly for installation on small injection molding machines and extruders.

5 YEAR warranty

The motor is positioned on one side and the hopper on the other to evenly balance the weight of the feeder over the feed throat of the machine. Includes features like remote control and 'no-tools' removal of hopper assembly for ease of color change.

Compact Low Volume Design
Balanced weight design evenly distributes the weight over the feed throat of the injection molding machine or extruder.

Easy Color Change
Hopper, auger, and auger tube make up a complete assembly - easily removed, without tools, so no pellets are left behind to contaminate your next color.

See-Through Baffle Chamber
Removable acrylic windows on the flow baffle chamber permit a clear view of the resin and color flow and allow easy access to the chamber.

Stainless Steel Contact Surfaces
For all color contact surfaces including the hopper and flow chamber baffles.

Remote Control
Reduces weight of equipment bolted to the throat.

Materials Metered in Synch with Processing Machine
For injection molders: Metering motor will turn in response to machine cycles.

For extruders: Rotation is continuous, in sync with extruder speed. Feedback is displayed to assure that the feeder motor speed is precisely regulated regardless of changing torque requirements or variations in plant voltage.

Precisely Controlled Auger
After calibration, a simple digital counter allows the user to input the exact degree of auger rotation for the precise amount of color or additive that will be introduced.

For Extruders running in "continuous" mode, the counter setting will directly regulate motor speed. A digital tach feedback from the motor armature assures that motor speed is precisely held. Uniform dispensing and consistent color is assured: over coloring is eliminated.

Calibration
It is only necessary to calibrate a given material one time. Once the machine is calibrated for a particular grade of material and the proper setting is calculated, the metering rate for that material is determined. For future reference the user should make note of the setting and use it when that material is run again. It is not necessary to recalibrate.

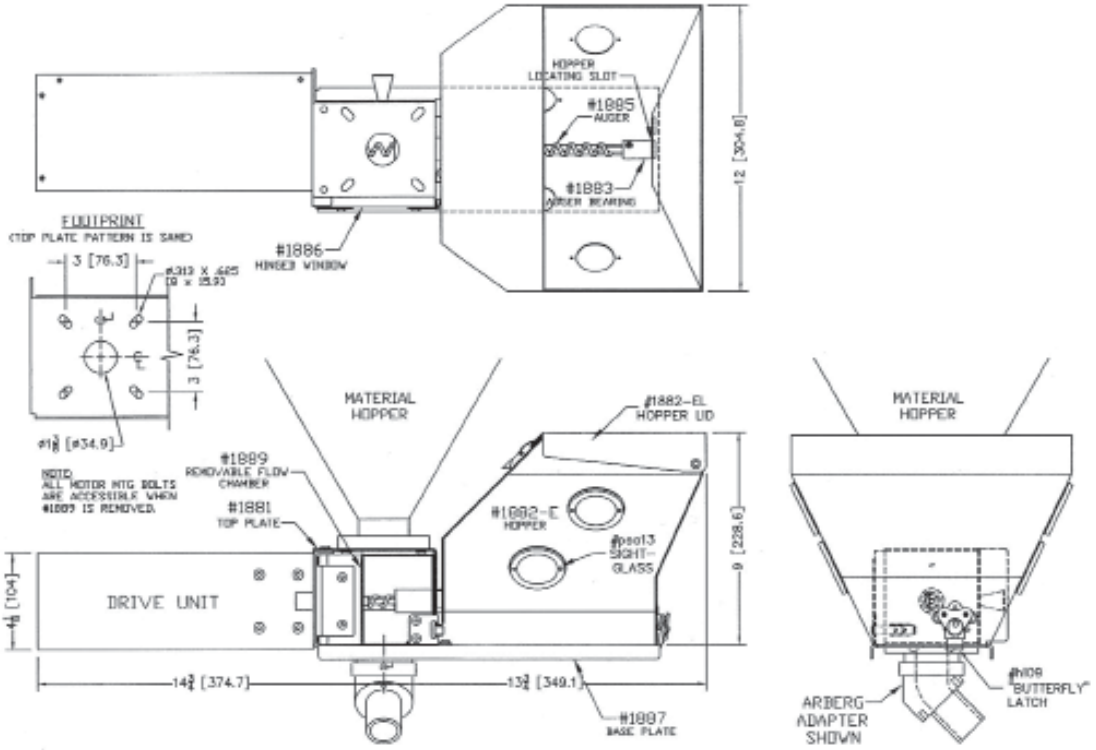
Plus

- Low profile throat adaptor frame with see through additive baffle
- 115/1/60Hz operation
- 5-Year warranty

NOVATEC™

Specifications:

Model	Auger Size	Motor RPM	Continuous Output lb/hr (Kg/hr)	
		Maximum	Minimum	Maximum
MLG-4-18	1/2" (12mm)	30	.05 (0.02)	4 (1.8)
MLG-4-34	1/2" (12mm)	55	0.1 (0.05)	7 (3.2)



Accessories:

Extrusion Following:

5 to 250 VAC add –EAC to end of main part number

0 to 10 VDC add –EDC to end of main part number

Extrusion Following Option

A calibration pot allows each preprocessor to be exactly tuned for your particular extruder. Calibration is required only once. For correct operation, you simply need to set the digital counter for the proper controller metering rate at FULL extruder speed. Anything less than full speed will automatically be reflected in a corresponding reduced metering rate. Voltages from 1 to 500 volts can be tracked. Accuracy is held over the full range.

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