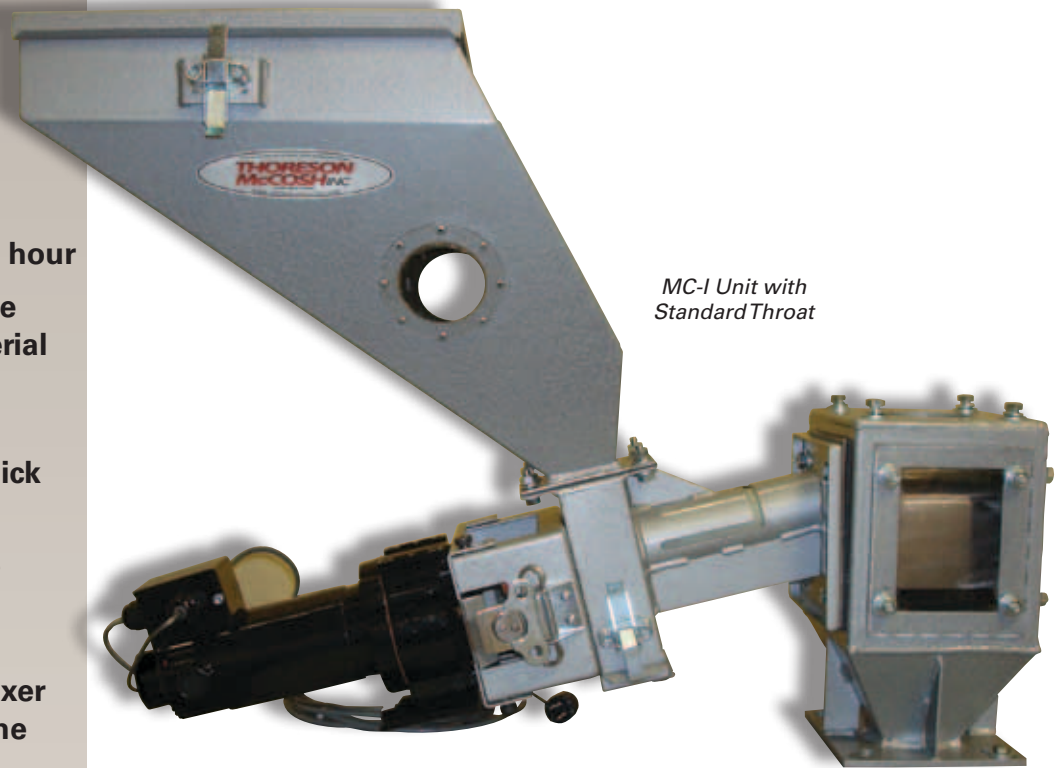


PRECISION ADDITIVE FEED UNITS

- Feed rates are available from 1/2 to 500 lbs. per hour
- Models available for free flowing pelletized material
- Hinged motor design allows easy removal of auger and sleeve for quick material changes
- Inclined auger prevents material dribble when auger stops
- Optional feed throat mixer can be added at any time
- Optional controller using motor feedback provides digital speed control and display



*MC-1 Unit with
Standard Throat*

EASY TO CLEAN! EASY TO CALIBRATE!

By unclamping and swinging the hinged motor assembly away, the auger and sleeve are easily accessible for quick material changes or cleaning. Because the calibration port is located very close to the machine throat, calibration is extremely accurate. To make cleaning even easier, a material door is located under the color hopper metering unit, which when opened will completely empty the hopper.



EASY TO INSTALL ADDITIVE FEED UNITS

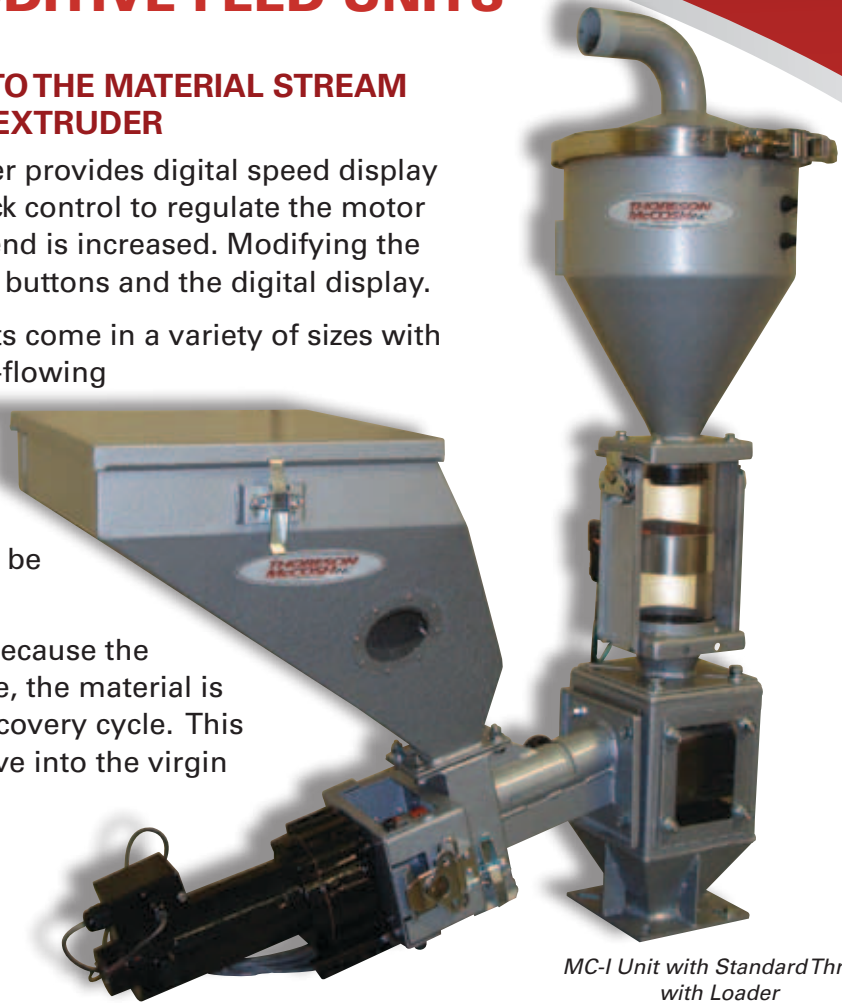
FEED COLORANT OR ADDITIVE INTO THE MATERIAL STREAM OF YOUR MOLDING MACHINE OR EXTRUDER

The optional, microprocessor controller provides digital speed display and control. Employing digital feedback control to regulate the motor speed, the accuracy of the material blend is increased. Modifying the speed setpoint is easily done with two buttons and the digital display.

These new precision additive feed units come in a variety of sizes with models for pelletized materials or free-flowing regrind. Installation is fast and easy.

Up to four units can fit on one throat between the material hopper and the machine feed screw. Magnetic separators, mixers and slide gates can be added if desired.

Calibrating the feeders is simple and because the unit is timed with the molding machine, the material is added evenly throughout the screw recovery cycle. This gives a complete distribution of additive into the virgin material and better quality in the finished product.



MC-1 Unit with Standard Throat with Loader



Optional Digital Controls

SPECIFICATIONS

| | MC-1 | MC-2 | MC-3 |
|------------------------------------|----------|---------|-----------|
| Throughput Rate (lbs/hr)* | 1/2 to 5 | 5 to 50 | 50 to 500 |
| Nominal Accuracy (Std. Control) | 1% | 1% | 1% |
| Nominal Accuracy (Digital Control) | 1/2% | 1/2% | 1/2% |
| Hopper Capacity (cu. ft.) | .6 | .85 | 1.5 |
| Powder Feeding | N/A | N/A | N/A |
| Current Draw (115-1-60) | 2.2A | 2.2A | 2.2A |
| Enclosure | NEMA-12 | NEMA-12 | NEMA-12 |

*Based on Material Bulk Density of 35 lbs/cu.ft.

Available Options: Slide Gate, custom Mount Flanges, Hopper Extensions with Vacuum Loader Provisions, Mixers, 2-Unit Feed Throat, Vibrator

**THORESON
McCOSH** INC

Call: 248.362.0960

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