



Mix-Miser

Description:

Mix-Miser is an inexpensive feeder that provides a cost efficient way of introducing color concentrates and other free flowing additives into the production process directly at the throat of the press.

Operation:

The Mix-Miser is mounted onto a neckpiece installed directly under the production machine's main material hopper. The feeder uses a feed screw to meter the additive into the primary material stream as it is passing through the neckpiece. The additive feed rate is set and controlled by a solid-state controller governing the speed of the motor that drives the feed screw. A number of interchangeable feed screw sizes are available to provide feed rates that range from a couple of ounces-per-hour to 730 pounds-per-hour.

- **A cost efficient feed system constructed of cast aluminum and welded steel plate for strength and rigidity...assuring a long life and minimum maintenance cost.**
- **Optional neckpieces and hoppers are available to tailor the Mix-Miser to your specific application.**
- **Handles free-flowing materials from powders to pellets.**
- **Feed rates from a few ounces-per-hour to 572 pounds-per-hour.**

Additional items, options and accessories available from Plastore, Inc. include:

- **Advanced control and motor options.**
- **Hopper Loaders.** For automatically transferring material form bag, bin or box to the Mix-Miser feeder.
- **Hopper alarms** for providing a warning when hoppers get low on material.
- **Custom Components,** for specific applications.

Groschopp M-170 motor

Feedscrew Assemblies and Feed Rates for Mix-Miser 2 Feeders

FEEDSCREWS						
Motor	White 6/12	Silver 8/15	Orange 10/17	Purple 13/20	Gold 15/22	Red 17/24
M-170	0.16 – 2.2	0.4 - 7	0.6 - 13	1.1 - 24	2.0- 36	2.0 - 46

Feed Rates listed are in Pounds per Hour

Feedscrew Assemblies and Feed Rates for Mix-Miser 3 Feeders

FEEDSCREWS								
Motor	White 6/12	Yellow 8/15	Orange 10/17	Brown 13/20	Gold 15/22	Red 17/25	Green 25/34	Black 40
M-170	0.16 – 2.2	0.4 - 7	0.6 - 13	1.1 - 24	2.0 - 36	2.0 - 46	8 - 150	28 - 572

Feed Rates listed are in Pounds per Hour

Note: All feed rates listed above are for smooth polystyrene pellets with a diameter of approximately 1/8", and a volume weight of approximately 33 pounds-per-cubic-foot. Other materials, shapes of pellets, diameters, or volume weights will affect feed rates.

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Plastore, Inc

1570 Georgetown Rd., Hudson, OH 44236

Phone. 330.653.3047 Toll Free 888.752.7867

Fax 330.653.3052 e-mail mix-miser@plastore.com

Visit our website at : www.mix-miser.com