

ProRate PURE Feeder

Designed for on-machine feeding, the ProRate™ PURE Feeder is ideally suited for injection or extrusion feeding applications. As the material enters the processing machine, the ProRate PURE feeder precisely meters pelletized color concentrates, modifiers or free-flowing additives into the raw material stream. Designed for modular flexibility, ProRate PURE feeders can be added or removed to adapt to changing requirements. If, for example, an operator starts metering one ingredient and wishes to add a second, simply bolt on another ProRate PURE Feeder.

FEATURES

- Selection of five interchangeable auger sizes
- Cast aluminum housing
- Modular carbon steel pedestal for up to 4 feeders
- Easy calibration
- Quick material change with swing-away motor design
- Microprocessor controller
- Choice of 0.04 and 0.07 m³ [1.75 and 2.5 ft³] hoppers
- Heavy-duty DC motor drives



ProRate PURE Gravity Mixer

The gravity tube mixer can be used to mix materials without the need for additional moving parts. Layered horizontal bars inside the tube serve as baffles to agitate the material as it cascades through. Up to two ProRate PURE II high-capacity feeders and two standard ProRate PURE feeders can be used to meter material into the gravity tube mixer.



ProRate PURE II Feeder

The ProRate PURE II feeder is equipped with larger augers and hopper capacities to deliver the larger feed rates required for some applications. It can be mounted directly to the molding machine, extruder or to a mixer. Each ProRate PURE II feeder features a precision-machined, stainless steel housing and auger to maintain exact tolerances for high accuracy feeding.

FEATURES

- Stainless steel housing
- 6 in. square pedestal handles 2 ProRate PURE II feeders and 2 standard ProRate PURE feeders
- Easy calibration
- Quick material change with sample port pedestal
- Microprocessor-based controller
- Choice of 0.07 and 0.14 m³ [2.5 and 5.0 ft³] hoppers
- Heavy-duty, DC motor drives



ProBlend™ Mixer

Designed for use as an on-machine blender or for central station blending, the ProBlend precisely meters and mixes materials at various blend ratios. Using a compact hopper with an adjustable speed impeller, the ProBlend's continuous mixing action consistently delivers homogeneous blending. Positions are provided for up to four high-precision ProRate PURE feeders that can simultaneously meter additives or colorants into the blending hopper. ProRate PURE feeders can be added or removed to accommodate future application requirements.

FEATURES

- Modular flexibility to add or remove feeders
- Machine mounted or central station blending
- Quick release clamps for no-tool cleaning
- Simultaneous feeder operation