

Accu-Flow™ Hopper/ Feeders



Control Options Offer Speed and Accuracy

Accu-Flow™ Hopper/Feeders combine the precision of Meyer's proven EDF Series feeders with low level surge storage capacity. These units are ideally suited for product delivery to processing operations where surge capacity is required. For additional accuracy, Meyer also offers a precision Loss-In-Weight version.



Easy Lift-Off Hopper

The super sanitary design of Accu-Flow Hopper/Feeders makes them optimal for food, pharmaceutical and chemical applications. All product contact parts are either Type 304 stainless steel or food grade plastic. The round, polished tubular frame has been designed with the absolute minimum of flat areas to collect dust or dirt.

An easily removable hopper enables easy product changeovers, and an optional slide gate cut-off valve allows the hopper to be removed with product in it, without spilling.



Adjustable Flow Control Sleeve

- **Sanitary Design**

The round, polished tubular frame has been designed with the absolute minimum of flat areas to collect dust and dirt.

- **Batch or Continuous Weight Control**

The Accu-Flow™ offers either batch or continuous weight control as gain or loss-in-weight. Both systems utilize proven microprocessor weight controller technology, with vibration signal elimination for accurate weighing.

- **Non-Stop Production**

The Continuous Loss-in-Weight system meets the demands of non-stop production. Selectable setpoints provide for automatic refilling while maintaining feed control rates.

- **Easy Product Changeover**

An easily removable hopper enables easy product changeovers, and an optional slide gate cut-off valve allows the hopper to be removed with product in it, without spilling.

- **Optional Features**

Meyer offers a number of options to the Accu-Flow™ system, ensuring that it best meets the requirements of the application.

- **Cost Effective**

Because of the simple design and use of a building block approach, these units are cost effective solutions to many volumetric and gravimetric applications where feeding accuracy is required.

- **Integrated Systems**

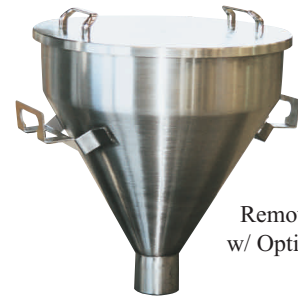
Equipment can be furnished as stand alone, as a fully integrated system or as a turnkey system complete with controls to meet your requirements.

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Optional Features Add to Versatility

Meyer Machine offers a number of options to the Accu-Flow system, ensuring that it best meets the requirements of the application:

- Hopper lids
- Inspection windows in hopper
- Weight baffles and motorized agitators
- Remote speed control
- PLC or computer control
- Frequency or voltage control
- NEMA 12 or 4X control enclosures
- Machined UHMW slide gate cut-off valve
- Quick release feeder pans



Removable Hopper
w/ Optional Lid



Slide Gate
Cut-off Valve

Volumetric Speed Control

The standard EDF solid state feeder speed control provides adjustable power to the feeder drive of the Accu-Flow. While meeting the needs of many applications, this standard system does not offer the accuracy of the *Precision Control* option.

Because it provides adjustment of both frequency and power, Meyer's *Precision Control* option meets the requirements of applications in which the ultimate in accurate and responsive speed control is necessary. This control option also includes excellent interface capabilities for PLCs and other systems.

EDF Feeders

Meyer Machines's EDF Series vibratory feeders provide reliable, accurate and highly controllable horizontal movement of dry granular, free-flowing food and non-food products.



Designed for low maintenance, these feeders are available in lengths ranging from 12" to 120", widths from 3" to 120", with pan construction in mild or stainless steel.

EDF Series feeders utilize a 120 volt electromagnetic drive mounted beneath the trough, providing for a compact design. Simple dial-type solid state controls provide for uniform feeding and responsive, accurate speed control.



Batch and Continuous Loss-in-Weight Control

Meyer also offers a broad line of Loss-In-Weight Hopper/Feeders. The company's batch (bulk & dribble) system provides the high accuracy weight-based feed control that is essential to batch accuracy.

The Meyer Continuous Loss-In-Weight system meets the demands of non-stop production. Selectable setpoints provide for automatic refilling, while precision feeder speed control and automatic tuning assure accuracy in continuous feeding operations.

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