

ACCU-FLOW™

HOPPER/FEEDERS



MEYER®
MACHINE COMPANY

VOLUMETRIC & LOSS-IN-WEIGHT HOPPER/FEEDERS

Accu-Flow™ Hopper/Feeders combine the precision of Meyers' 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.

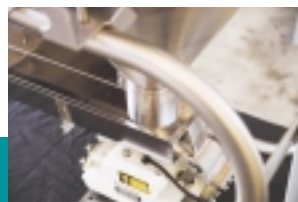
Sanitary Design

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.



Easy Lift-Off Hopper

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

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



Standard Speed Control



Loss-In-Weight Feeder



Precision Speed Control

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.

Batch and Continuous Loss-In-Weight Control

Meyer also offers a broad line of Loss-In-Weight Hopper/Feeders. The company's Batch Loss-In-Weight (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.



Loss-In-Weight Feeder Controls

Both systems utilize proven microprocessor weight controller technology, with vibration signal elimination, for accurate weighing. Load cell calibration eliminates the need for problematic test weights, and programming is simplified via an easy-to-use display set-up.

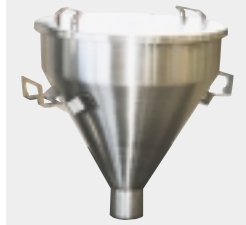
A wide range of feeder and hopper sizes ensure applicability to most processing requirements.



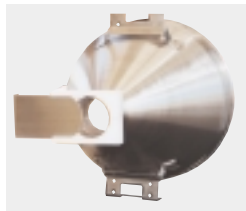
Optional Features Add To Versatility

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



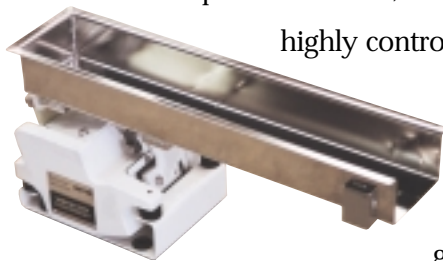
Removable Hopper w/Optional Lid



Slide Gate Cut-off Valve

EDF Feeders

Meyer Machine's EDF Series vibratory feeders provide reliable, accurate and highly controllable



EDF Feeder

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.

It's A MeyerSM

You get more than just equipment when you purchase from Meyer, you also get the support of one of the most prestigious names in the material handling industry.

For feeders, hopper/feeders and loss-in-weight hopper/feeders, vibratory conveyors, bucket elevators, box loaders/unloaders, belt conveyors and a wide range of storage/distribution systems, Meyer adds the expertise acquired through years of material handling experience. By working closely with the customer and applying that experience, Meyer designs systems that are best suited to the specific demands of the application.

Meyer support includes: process consultation, equipment modification, new equipment design or even a turnkey control system designed to meet your unique requirements. And a key component of Meyer support is the extensive parts inventory and experienced, responsive service professionals that are on hand at all times to assist you.

Solid products, supported by outstanding service. That's what makes a Meyer, a Meyer!

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