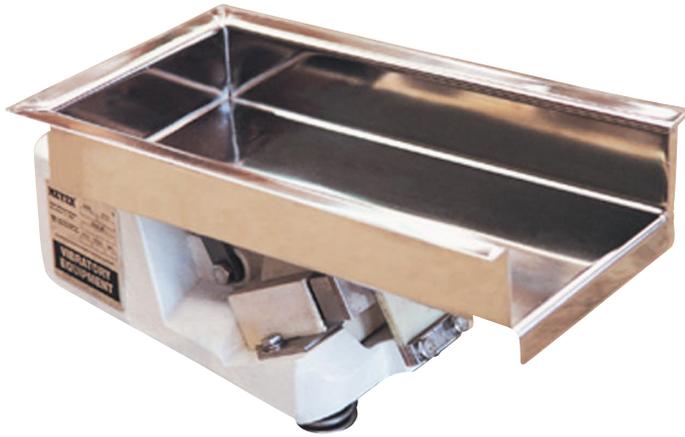


# EDF Series Vibratory Feeders



## Fast and Accurate Speed Control

Meyer Machine's EDF Series vibratory feeders are proven to provide reliable, accurate and highly controllable horizontal movement of a wide range of dry granular, free-flowing food and non-food products. Almost maintenance free, 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 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.

### • Sanitary Design

Featuring Type 304 stainless steel for all areas of product contact, EDF Series feeders incorporate a highly sanitary design, making them optimal for food, chemical and pharmaceutical applications. These feeders feature formed radius bends and continuous welding in all interior pan areas, insuring easy, thorough cleaning. All drives are epoxy coated, with only stainless steel fasteners used, adding to the sanitary characteristics of these feeders.

### • Quick Stopping

The EDF's drive system consists of leaf springs and an elastomeric torsion spring, with high damping properties. An important feature of this system is its quick-stopping characteristics, the result of the rapid loss of vibratory energy it experiences when the unit is powered down. This feature is particularly significant in applications where overruns of material cannot be tolerated.

### • Flexible Speed Control

The standard EDF solid state feeder speed control provides adjustable power to the feeder drive. For applications in which the ultimate in accurate and responsive speed control is required, Meyer's Precision Control option provides adjustment of both frequency and power, as well as excellent interface capabilities.

### • Rugged Construction

EDF Series feeders are built for long, trouble-free service. All pan and frame components are engineered to best accommodate the stress of load and vibration, eliminating many causes of potential problems. Meyer's unique use of structural supports and welding procedures provides for a pan of uncommon strength and structural integrity, not prone to structural damage or cracking.

### • 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.

**MEYER**<sup>®</sup>  
MACHINE COMPANY

## Flexible Speed Control

The standard EDF solid state feeder speed control provides adjustable power to the feeder drive. 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. Both the standard solid state feeder control package and the Precision Control option are available in NEMA 1, 4X and 12 rated enclosures.



Standard Speed Control

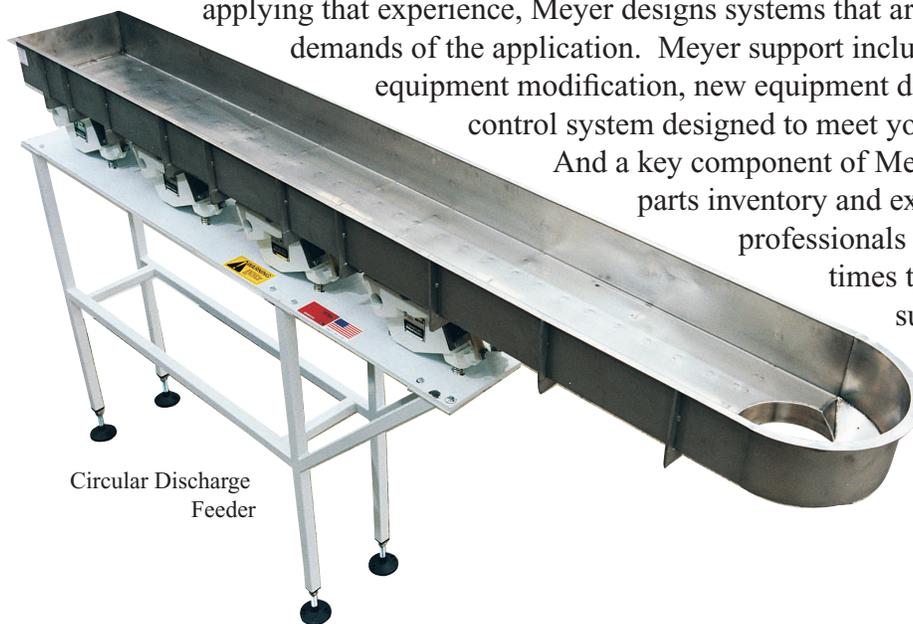


Precision Speed Control

## It's A Meyer

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!



Circular Discharge Feeder

**MEYER**<sup>®</sup>  
MACHINE COMPANY



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