



DPF DPFH

# Dosing Feeder

*A DPFH spreading feeder*



*A JVI Dosing Drive*



- Ideal
- For
- Food
- Powder
- Plastics
- Ceramics
- Chemicals
- Cosmetics
- Packaging
- Feed and Grain
- Material Handling
- Stainless Steel
- Constant Rate
- Light duty
- Reliability
- Batching
- Custom
- Design
- Dosing
- Mixing



Every JVI Feeder is engineered and manufactured for the specific application.

# Vibratory Dosing Feeders

JVI DPF and DPFH electromagnetic feeders are ideal for precise feeding in batching, mixing and dosing applications. Several JVI electromagnetic drive models are available to satisfy a broad range of feeder sizes. This drive has instant on/off capability, fine rate adjustment, and requires no maintenance. Materials of construction for the feeder trough include SS and CS. The hopper of the DPFH is designed with 75° walls to promote material flow at a constant rate and eliminate product blockage at the discharge. The feeder trough can be designed with vertical or horizontal discharge. The material bed depth is adjustable for different materials and capacity range. All 60Hz drives are available for 110V or 220V service

## Controller

The JVI Dosing Feeder controller delivers zero to 100% linear adjustable feed rate via a set point potentiometer or a remote signal from a PLC. To avoid affecting product flow the controller compensates for voltage fluctuations of ±10% without, in order to deliver exact feed rates. An enclosure is available for the controller with on/off switch and power



A Vibronic Controller

## Capacities

Standard Dosing Feeders are designed to run 100% of the time. Increased stroke models can be run 50% of the time. Increased stroke drives are ideal for high capacity packaging and batching processes.

Model	Drive	Capacity
60/35-400	To be specified	1-1500 Lbs/hr
100/50-500	To be specified	1-3000 Lbs/hr
125/75-600	To be specified	1-6000 Lbs/hr
215/90-760	To be specified	1-12,000 lbs/hr

## Design Options

JVI offers an Integrated Hopper package for the dosing feeder. Tubular feeders or troughs with bolt on covers are available as required by the application. JVI is familiar with regulations in the food and chemical industry and can provide pan finishes to meet those regulations if required.



Extremely accurate feed rates are achievable.

## Testing

Sample materials can be tested at JVI's facilities to assure the optimum feeding solution for the process.

A special trough for parts alignment



A UTF Tube feeder and other UPFs



**Ideal for loss-in-weight, gain-in-weight and packaging applications.**