



Electromagnetic Vibratory Feeders

FMF FML RMF



- Coal
- Food
- Glass
- Mining
- Ceramics
- Chemicals
- Aggregates
- Feed and Grain
- Material Handling
- Instant On/Off
- Repeatability
- Adjustability
- Reliability
- Custom Design



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

Electromagnetic Vibratory Feeding Equipment

Electromagnetic feeders manufactured by JVI are commonly used in all industries where dry bulk solid material is handled. JVI feeders are custom engineered to meet the exact application requirements. Several basic models are offered including tube feeders (RMF), pan feeders (FMF), and extra heavy-duty feeders (FML) for large head loads or high feed rates. Unique alternative feeding solutions such as bi-directional feeders, spreading feeders and flat bed tube feeders are also available.

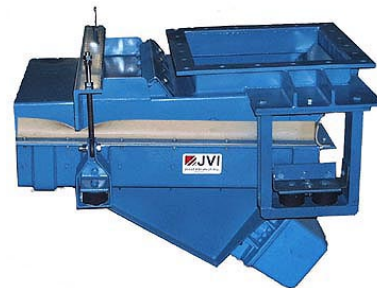
Rugged and reliable, JVI FMF feeders are inherently low maintenance and the drive mechanism requires no greasing or lubrication. Extremely accurate feed rate controls are an additional benefit of the electromagnetic feeder. These highly reliable drives are rated for continuous duty and provide a constant feed rate even under varying head loads and with different material characteristics. The JVI Electromagnetic feeder is available in explosion proof execution.

Controllers

JVI's model JT thyristor controllers provide accurate 0 - 100 % feed adjustability, local or remote operation and voltage compensation for $\pm 10\%$ fluctuations to ensure feed rates. The JT controller is aptly suited to interface with PLC's via 420ma, 0-10v or 0-20v signals. JVI's unique 'switching systems' allow multiple feeders to be controlled by a single JT controller. This and other innovative control packages are available to optimize feeding processes while minimizing costs.

Design Options

An innovative option available for bin discharge feeders is the integrated chute-work package. The feeder inlet simply bolts to the hopper outlet flange as a single package. Cumbersome cable supports are eliminated while engineering and installation costs are reduced. Electromagnetic feeders are also available with vertical or horizontal discharge. Easily replaceable trough liners can be added to reduce the wear from abrasive material and extend the life of the feeder. RMF tube feeders are ideal for closed, dust-tight applications, and additional inspection hatches can be added for ease of clean out. Flexible boots for inlet and outlet, shown below, are an option for applications where dust management is a concern. Electromagnetic Feeders can be fitted with a dust tight cover, made in sections for easy removal and inspection. Thermal treatment options and stainless steel construction for sanitary food requirements are also possible.



FMF Integrated Chutework Package

To request a quote for a JVI Feeder call (832)467-3720



Dust-tight inlet collar >
< Dust-tight outlet collars



Stainless Steel FMF with a thermally treated trough for cooling the material