

Mini-Loader Magnet

Bunting®



Just-In-Time Magnetic Separation

- High Quality
- Easy Mounting
- Styles available

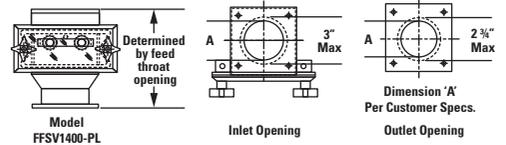
Many plastics processors are turning to smaller volume, closed-loop systems. These “Just-in-Time” systems dry resin at a central point and then convey small amounts to the molding machine. Seeing a special need for magnetic protection against ferrous contaminants in such

operations, Bunting Magnetics now manufactures two drawer magnets specifically designed for these systems.

Mounted on the throat of the processing machine, both of these drawer magnets come with Bunting’s exclusive Power Balanced Magnetic Cartridges® and an O-ring seal to prevent air leaks. The FFV Series of drawer magnets are designed to withstand pressures up to 15 in-hg without leakage. A clear polycarbonate drawer front allows easy monitoring of resin flow and tramp metal collection. The cartridge drawer pulls out of the housing for easy cleaning.

The FFV-1400-PL has a housing manufactured from 12-gauge mild steel. It captures ferrous contaminants with two Ceramic magnetic cartridge and has a rod baffle to direct the flow of resin over the cartridges. In applications where extremely small fines or weakly magnetic contaminants are a problem, this drawer magnet can be ordered with two high-energy Rare Earth magnetic cartridges. The housing is then manufactured from 302/304 stainless steel and is designated by the part number FFSV-1400-PL-npb. This unit has a 20 oz. capacity, a maximum inlet diameter of 3 inches, and a maximum outlet diameter of 2 3/4”.

Part Number	Description
FFV1400PL	Mild Steel Unit
FFSV1400PL	Stainless Steel Unit



Hopper Magnets-Grate Style

Bunting®

Bunting Grate-Style Hopper Magnets come in a variety of shapes and sizes for use in round, square, or rectangular hoppers, chutes, housings, and bins. They are ideal for trapping tramp iron and ferrous objects such as nuts and bolts in free-flowing materials conveyed by gravity. Selection tip: Grates should have at least twice the cross-sectional area of the hopper outlet opening.

Standard units feature 1” diameter Bunting Power-Balanced Magnetic Cartridges™ encased in 304 stainless steel and mounted on 2” centers-with angle baffles to help direct product flow over the cartridges. Standard grate diameters range from 4” to 12”.



Other sizes and rare earth models are available on request. Square-tube cartridges with Ceramic Magnets are available in square or rectangular stainless steel frames. Because they have an especially strong magnetic field that allows mounting on 4” centers, they’re ideal for use where bridging may be a problem. Rare earth models are also available.

Round Hopper Magnets	
Size	Part Number
4”	GR4ACR
6”	GR6ACR
8”	GR8ACR
10”	GR10ACR
12”	GR12ACR

Square Hopper Magnets	
Size	Part Number
4” x 4”	GS4ACR
6” x 6”	GS6ACR
8” x 8”	GS8ACR
10” x 10”	GS10ACR
12” x 12”	GS12ACR