

### Removes both ferrous and non-ferrous metals from material flow at machine throat.

Machine-Mounted All-Metal Separators elevate product and equipment protection to a new level for plastics processors. They can bolt directly above the throats of processing machinery and are specifically designed to reject both ferrous and nonferrous metal contaminants in slow-moving “choke feed” applications.

- **Effectively Removes All Non-Ferrous Metals**  
Iron, stainless steel, aluminum, copper, brass, nickel, and even lead are detected and removed from material stream - including contaminated regrind
- **Specifically Engineered for the Plastics Industry**  
Highly sensitive electronics react to all conductive metals and reject particles as small as 0.5 mm
- **Venturi-driven Vacuum Reject Mechanism**  
Features an extremely fast-acting pneumatically driven slide gate
- **No ‘Blind Spot’ in Rejection Cycle**  
Unique design prevents ‘blind-spot’ and results in superior rejection performance that boosts overall efficiency and reduces the risk of costly machine damage.
- **Specifically Made to Work With Choked Feed Throats**  
No interruption in material flow, other than rejection of the material surrounding the tramp metal.

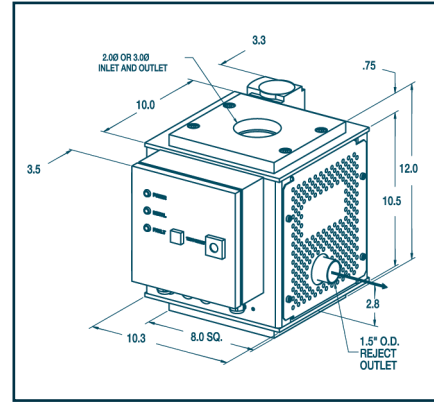
#### **Plus:**

- Top and bottom adaptor plates (must be custom-drilled)
- 10' hose kit for reject material
- 115/1/50Hz operation
- 2 year warranty

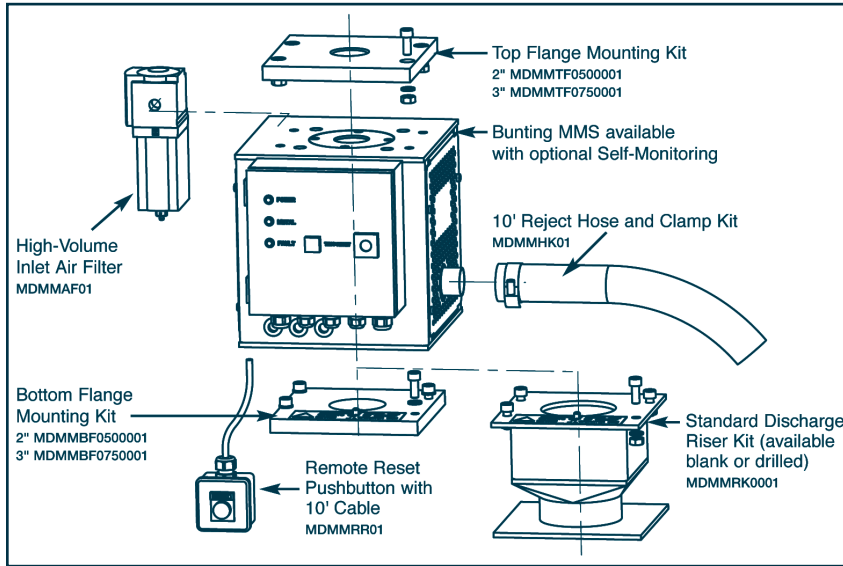


# Specifications

	EMS-2T	EMS-3T
<b>For throat diameter</b>	2" (50 mm)	3" (75mm)
<b>Detection/Rejection Size</b>	Down to .02" (0.5mm)	Down to .032" (0.8 mm)



Shown with recommended air filter and top and bottom flange adapters.



**Notes:**

Top and bottom adaptor plates are included that may be drilled to match equipment above the EMS and to adapt the EMS to the machine throat.

Tubing is included to allow rejected material to be blown out of and down to a discard container.

A robust air supply is required to assure rejection of contaminated

material and the optional high volume compressed air filter assures a supply of clean, compressed air.

## Accessories:

(Show as separate line item on order - shipped separately. See Price list #443)

High Volume Compressed Air Filter

**200 scfm w/ 3/8" Fitting:** Part # CAF-H

**\*Custom Drilling of Base Plate:** Part # CDB-1

Detailed machine throat print required for fabrication.

**\*Custom Discharge Adaptor/4" Riser Module:** Part # CDA-1

**10' Remote-control Evacuation/Reset Button:** Part # REB-1

Allows easy reset unit after fault or use EMS to drain material

\*Detailed machine throat print required for fabrication.