Prevents Equipment Damage or Downtime in Plastic Processing

Equipment Description

Suitable for detecting and separating metal contaminants (iron, copper, aluminum, stainless steel, etc.) from granular and powdery materials such as plastics, runner materials, crushed materials, recycled materials, and walnut particles. It effectively prevents damage to production equipment or production stoppage caused by metal contaminants.

During plastic processing, metal contaminants can cause issues such as hot runner blockages, screw damage, or mold scratches, severely affecting production efficiency and product quality. The HTX Metal Separator effectively prevents damage or downtime of production equipment such as injection molding machines and pelletizers due to metal contaminants, thereby avoiding production losses.

Standard Model
Includes a stand and hopper in addition to the probe.

Automatic Feeding
Works with a vacuum feeder for automatic material loading.

Vibratory Feeding
Works with a vibratory screen to control material discharge.

Metal Separator Features

Detects all types of metal contaminants, including magnetic and non-magnetic metals.

Various detection channel diameters are available and customizable as needed.

Constructed from 304 stainless steel with a maintenance-free design.

Can be integrated with vacuum feeders, vibratory screens, crushers, and other equipment.

Detection Accuracy and Processing Capacity

Channel ϕ30mm: Fe ϕ0.4mm, Sus ϕ0.8mm, 400L/H
Channel ϕ50mm: Fe ϕ0.6mm, Sus ϕ1.0mm, 2000L/H
Channel ϕ70mm: Fe ϕ0.8mm, Sus ϕ1.2mm, 5000L/H
Channel ϕ100mm: Fe ϕ1.0mm, Sus ϕ1.5mm, 12000L/H
Channel ϕ150mm: Fe ϕ2.0mm, Sus ϕ2.5mm, 25000L/H

We offer a 5-year manufacturer warranty.

The data is provided for reference purpose only and is subject to the custom quotation and contract.