

## Metal Detecting Separator

SHINI metal detecting separators are highly sensitive and accurate in detecting and separating metal grains, such as steel, iron, copper, aluminium, lead, tin, and so on. Its principle is when metal impurities pass through it, electrical detector can send a signal to control board to start valve to discharge the impurity materials. Pneumatic discharging system takes little space and ensure good performance. It can be installed directly on injectors or (extruders) hoppers to protect the screw of machine from the damage caused by hard metals. This machine has four models such as SMS-35~100, processing capacity up to 4500kg/hr to meet your specific requirements.

### Features :

- Fast separating all the metals from the material.
- The minimum detectable diameter of the metals can be 0.5mm. The accuracy is adjustable according to your actual needs.
- Compact in design, easy to install and simple to operate.
- Mount directly on injector or extruder hoppers to protect facilitates from the damage caused by hard metals.
- Supplied with a standard 12 litres hopper and horse.
- Capacity and dimension of hoppers and stands can be made on customer requirements.

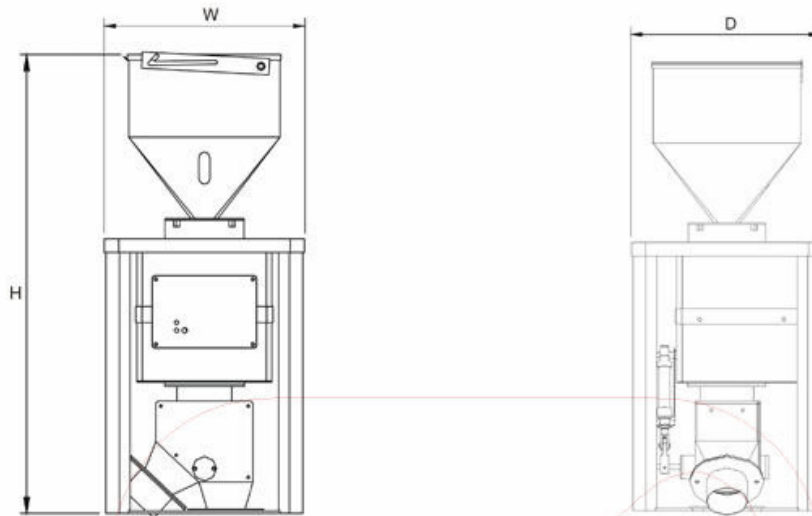


SMS-70



SMS Nameplate

## Dimensions



## Specifications

Model	SMS-35	SMS-50	SMS-70	SMS-100
Minimum detectable diameter (mm)	0.5	0.6	1.0	1.3
Maximum capacity throughput (kg)	400	1000	2000	4500
Diameter of detecting passage (mm)	35	60	70	100
Power	1 Φ, 115/230V, 50/60Hz			
Dimensions (mm) W × D × H	371 × 362 × 849	371 × 362 × 849	371 × 380 × 849	371 × 380 × 849

We reserve the right to change specifications without prior notice.

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