

Electrostatic Metal Separators

hamos KWS-PET



The **hamos KWS-PET** electrostatic metal separators are used for dry separation of metals from PET and other plastic flakes. Even finest non-ferrous metal particles can be separated. The efficient separation process works with low running cost. Due to its function principle the **hamos KWS-PET** separates other kinds of conductive materials like wood, cardboard and conductive rubber as well.

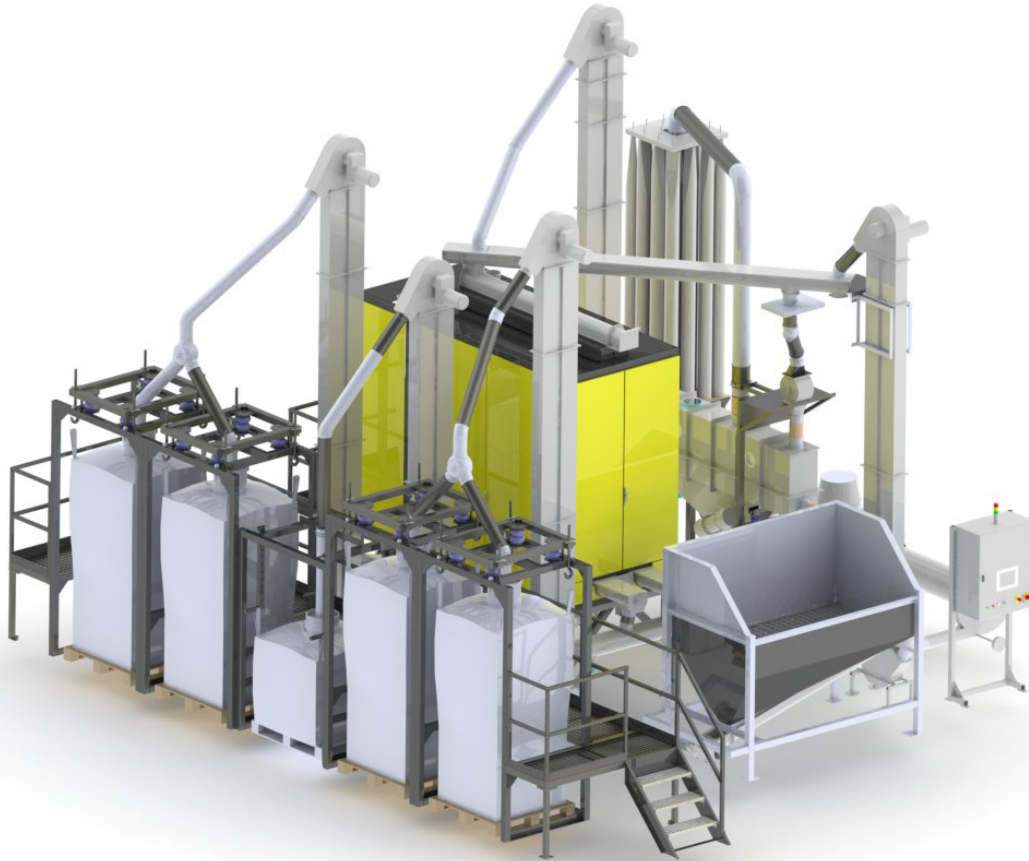
For best performance the material has to be dry (humidity less than 0.5%) and the particles should be smaller than 12 mm (< 1/2 in).

hamos KWS-PET electrostatic metal separators separate fine metals from

- PET flakes
- Mixed plastics
- Plastic compounds
- Many other recycled plastic materials

Your advantages

- Separation of finest non-ferrous metals
- Separation of wood, cardboard and conductive rubber
- High product purities
- Highly concentrated metal fraction
- Dry separation process
- Low energy consumption
- Modular system for any production requirements



The illustration shows an example of a **hamos KWS-PET** turnkey system for high throughput rates with fully automatic material handling. The line is designed for 24/7 operation.

Equipment features

We deliver **hamos KWS-PET** electrostatic metal separators as single machines or as complete lines for high production of several thousand lbs/hr. All **hamos KWS-PET** machines have integrated screw conveyors for material transport, de-dusting pipes, electrode cleaning and PLC control as standard specifications. **hamos KWS-PET** separators can be supplied as fully automatic turnkey systems with automatic material logistics and product storage, designed for 24/7 operation. If the material needs to be dried, hamos can also offer a fluid bed heater system.

About hamos

hamos is the worldwide leading expert in electrostatic separation technologies with more than 20 years of experience in the field of separation. Trust in our experience like hundreds of customers already do.

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