hamos
ADVANCED SEPARATION TECHNOLOGIES

Electrostatic PET/PVC Separators

hamos EKS-PET

The **hamos EKS-PET** electrostatic plastics separators separate undesired PVC and other contamination like shrink sleeve labels made of PETG or other thermoforms from PET flakes, to produce a clean PET fraction. Due to its working principle the **hamos EKS-PET** separates other materials as well. The separation process works in a dry manner with low running cost.

For best performance the material has to be dry (humidity between 0.4% and 0.8%) and the particles should be smaller than 12 mm (< 1/2 in).

hamos EKS-PET electrostatic separators eliminate

- PVC contamination
- PETG shrink sleeve labels
- Thermoform labels
- Other plastic impurities from recycled plastics

Your advantages

- Separation of PVC, PETG and thermoform labels
- High purity of the PET
- Dry separation process
- Low energy consumption
- Modular system for any production requirements

hamos EKS-PET electrostatic plastics separators also separate other plastic mixtures such as, for example, HDPE/PP, PS/ABS, PVC/rubber and many others. Even mixtures of black plastics can be separated.

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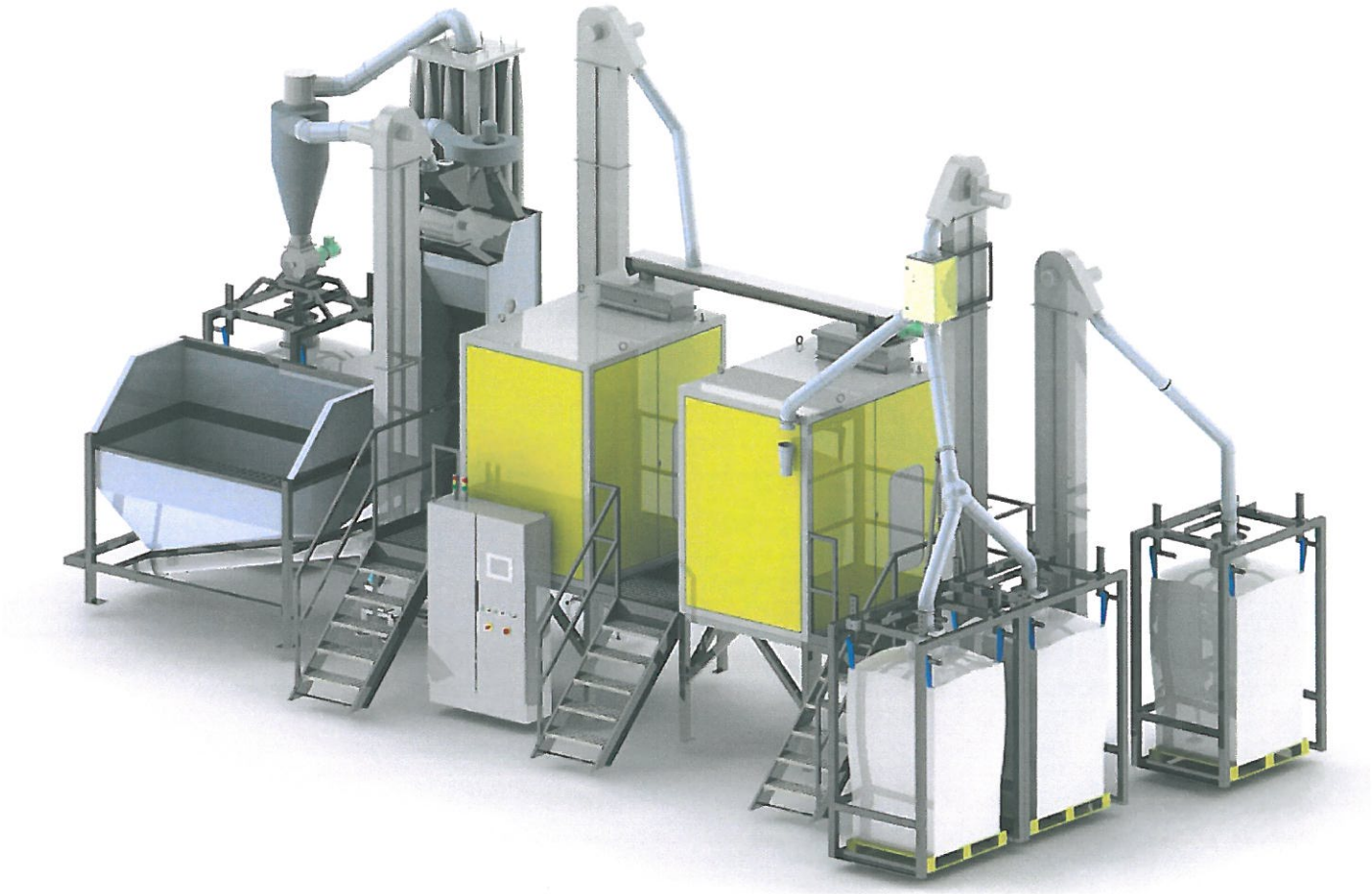

The illustration shows an example of a **hamos EKS-PET** turnkey system for high throughput rates with fully automatic material handling. The line is designed for 24/7 operation.

Equipment features

We deliver **hamos EKS-PET** electrostatic plastics separators as single machines for throughputs of up to 1,650 lbs/hr (750 kg/hr) or as complete lines for high production of several thousand lbs/hr (please note: the product capacity is material dependent). All separators can be supplied as turn-key systems with automatic material logistics and product storage.

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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