

**LEADING IN
ELECTROSTATIC SEPARATION**

hamos 

Electrostatic Metal Separators

hamos KWS



hamos KWS 1521-1 with accessories

If you recycle

- Metal / Non Metal Mixtures
- Cable Scrap
- Electronic Scrap
- Shredder Dust / Grinding Dust
- Alu-plastic-compounds

The **hamos KWS** Electrostatic Separator recovers the finest metallic particles with a dry separation process at lowest cost. So make more money with your materials!

Electrostatic Separators **hamos KWS** enable:

- Additional profits due to higher metal recovery rate (a typical return on your investment is < 100 days!)
- Transforming waste to valuable material
- Recovery of finest metallic particles
- Cleaning of non-metallic materials
- Dry metal separation without lavish drying processes

Your Advantages

- Dry separation process
- Optimum for finest metallic particles
- Easy to operate
- Over 150 units in operation
- Low energy consumption
- High product purities
- Quick return on investment
- Low staff requirements

The Function

Conductive metals and non-conductive materials are electrostatically charged by a high voltage Corona electrode. The metal is discharged on a separation drum and is thrown off. Non-conductors stick on the drum and are brushed off.

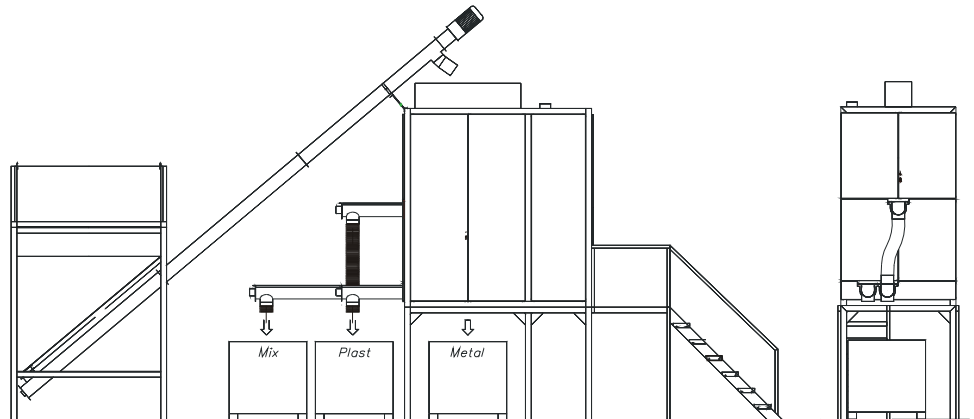


The Product Range

We deliver **hamos** KWS Electrostatic Separators with one, two, three or four drums and drum lengths up to 2.500 mm as turn-key systems. All production machines have integrated material transport systems (screw conveyors), dust pipes, electrode cleaning and PLC control as standard specifications.

By the use of the **hamos** material container with infeed screw feeder we can offer a fully automatic system, designed for 3-shift operation. This installation requires a total space of approx:

- Length: 10.000 mm
- Width: 2.500 mm
- Height: 5.750 mm



The Models

Model	Stages	Drum Length	Capacity (approx.)*	Main Application
KWS 1010-0	1	1 x 1000 mm	300 kg/h	Low Throughput
KWS 1521-1	2	3 x 1500 mm	1000 kg/h	Cable
KWS 1522-2	2	4 x 1500 mm	1000 kg/h	Electronic Scrap
KWS 2521-1	2	3 x 2500 mm	1800 kg/h	Cable
KWS 2522-2	2	4 x 2500 mm	1800 kg/h	Electronic Scrap

*Product capacity is material dependent

Our Offer

We have made hundreds of separation tests with different types of material. Please contact us if you are interested in a separation test in our laboratory. We will show you how much metal can be recovered from your material.

hamos supplies the following systems:

- **ERP** Electronic Scrap Recycling Plant.
- **EKS** Electrostatic Separators for plastic-plastic-separation
- **ECS** Eddy Current Separators
- **HS, FFS, LCS** Electronic All-Metal Separators for protection of machines and products
- **SEA** Colour Sorting Machines
- **Magnets**

The Company:

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