sesotec

Metal & E-Scrap Recycling

Recovery of reusable materials – Removal of contaminants

- Color separation
- Metal and precious metal separation
- Printed circuit board separation
- Sortation of engineered plastics









Customized Sesotec system solutions for Metal and E-Scrap Recycling

Adding Value and protecting the environment

Worldwide there are several million tons of waste of electrical and electronic equipment that have reached the end of their useful life and must therefore be scrapped every year. Due to shorter life cycles and the trend towards the use of more electronics equipment both domestically and commercially the amount of e-scrap is continually growing. As electronic equipment contains many different materials, recycling requires highly sophisticated separation and sorting technologies.

The recovery of precious metals, base metals, and plastics makes e-scrap recycling a profitable business, and the removal of contaminant materials in an integrated process creates real benefits in terms of environmental protection.

Clean sorting

- E-Scrap
- Refrigeration residue
- Monitors and TV's
- PC boards
- Cables
- Scrap metal
- ASR
- Precious metals
- Engineered plastics
- and many other applications

Single sensor sorting systems



C-Sensor –
Color separation



M-Sensor –
Recovery of metals



N-Sensor – Recovery of engineered plastics

Multi sensor sorting systems



CM-Sensor – "Inverse Sorting" technology with shape recognition



CN-Sensor –
Off-color and material separation



CMN-Sensor –
All in one

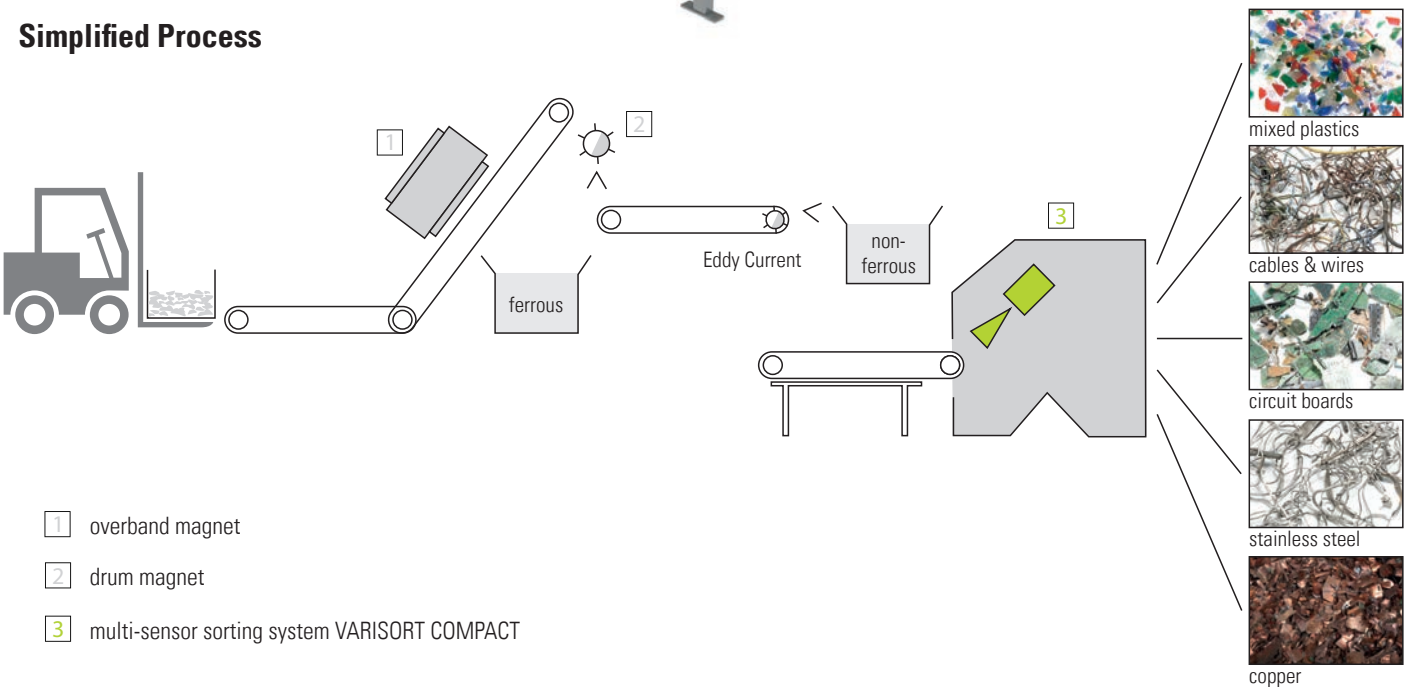


VARISORT COMPACT
for fine fractions



WEEE-SORT for middle and coarse fractions

Simplified Process



1 overband magnet

2 drum magnet

3 multi-sensor sorting system VARISORT COMPACT

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For more detailed information please contact us. Our experienced Sesotec sales engineers and specialists will be pleased to discuss applications in depth and will visit you to assess the project at first hand.

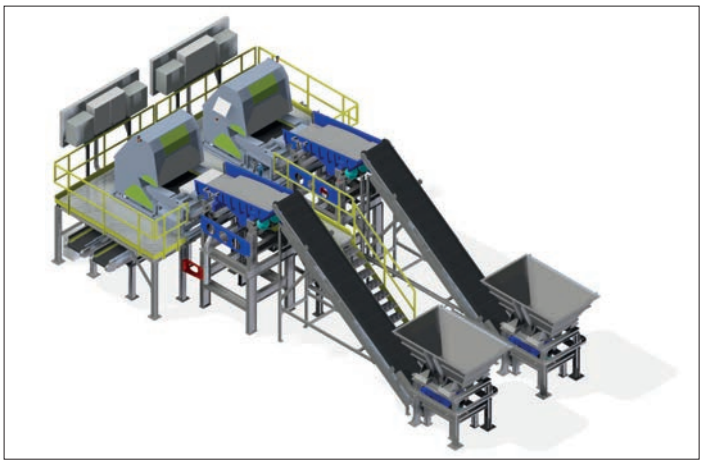
Made in Germany

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Turn-key solutions

Tailor made sorting facilities

- Steelwork, funnels, blowers, piping, cyclones, rotary valves, sieve chutes, conveyors, vibratory feeder, Big-Bag filling station
- Cabling, switch cabinet, plant control system, signaling, visualisation
- Start-up, assembly, commissioning, remote access





Our Technical Center - Your Safety

- Latest Sesotec technologies
- Product trials (small samples to big test runs)
- Documentation and test evaluation
- Simulation of a whole production process
- Customer-specific optimisation of sorting applications
- Support by application and development engineers

SERVICE - Worldwide

Every customer needs the best solution for his application. Expert technical consultation is of the highest priority for us before and after installation and commissioning. Our support and specialist service engineers operate worldwide to ensure that the supplied Sesotec equipment continues to give the best possible performance.

- Service packages
- Maintenance contracts
- Training





e-scrap-recycling.net