

UNISORT Black

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The UNISORT Black technology was developed by the STEINERT Group that can be used to separate black plastics and other materials with high potential for reuse from seemingly valueless waste. Waste disposal and recycling companies have the opportunity to develop greater potential for increasing their yields from the waste stream preventing them going to landfill or thermal recovery. The UNISORT Black makes it possible to save on disposal costs and reduce costs for associated processing. This system can be integrated into existing facilities so that companies can also enhance their sorting concepts using this latest innovation from STEINERT.

Resource recovery businesses have high demands and expectations on sorting performance, system optimization and their environmentally conscious recycling strategies. These companies working in the sectors of lightweight packaging material, commercial waste, domestic and bulky waste and substitute fuels, will find the UNISORT Black sorting system provides the perfect working solution to this particular resource recovery issue.

In contrast to conventional systems (which work using the NIR process) STEINERT makes use of Hyper Spectral Imaging Technology (HSI) in the UNISORT Black sorting system. This technology utilizes an extremely high spectral resolution and enables it to also identify and subsequently sort out black objects without a defined spectrum. What's more, the system can also be used to separate additional types of plastic with defined spectra that cannot be recognized by conventional NIR systems.

As a result, companies using the UNISORT Black sorting system can profit from significantly lower disposal costs and associated processing costs, as well as now having valuable, viable product that would otherwise have been lost to landfill.



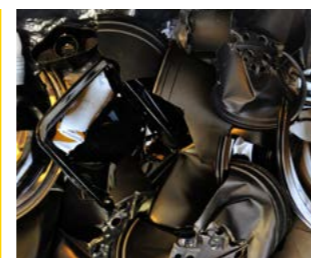
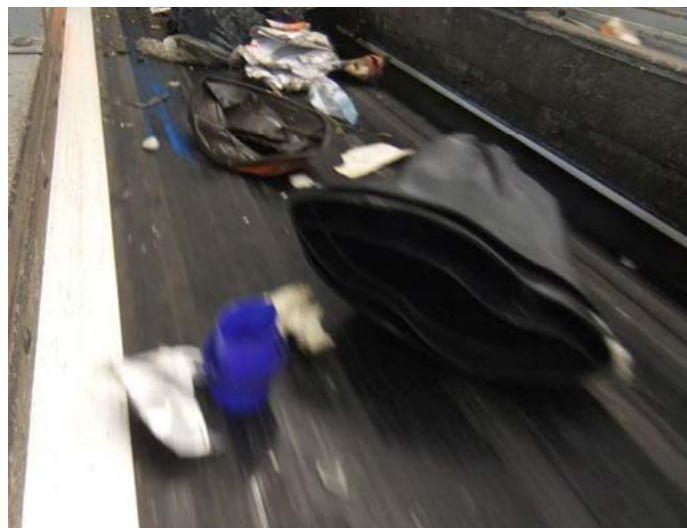
Use in systems for:

- Municipal waste
- Bulky waste
- Commercial waste
- Lightweight packaging materials
- Refuse derived fuel (RDF)

Stop losing valuable materials!

The innovative UNISORT Black

- separates dark and unknown objects that would otherwise get lost
- boosts the extraction of valuable materials by 1-5 % and also conserves other resources
- reduces incineration costs and the volume of landfill waste



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Subject to technical modifications.



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