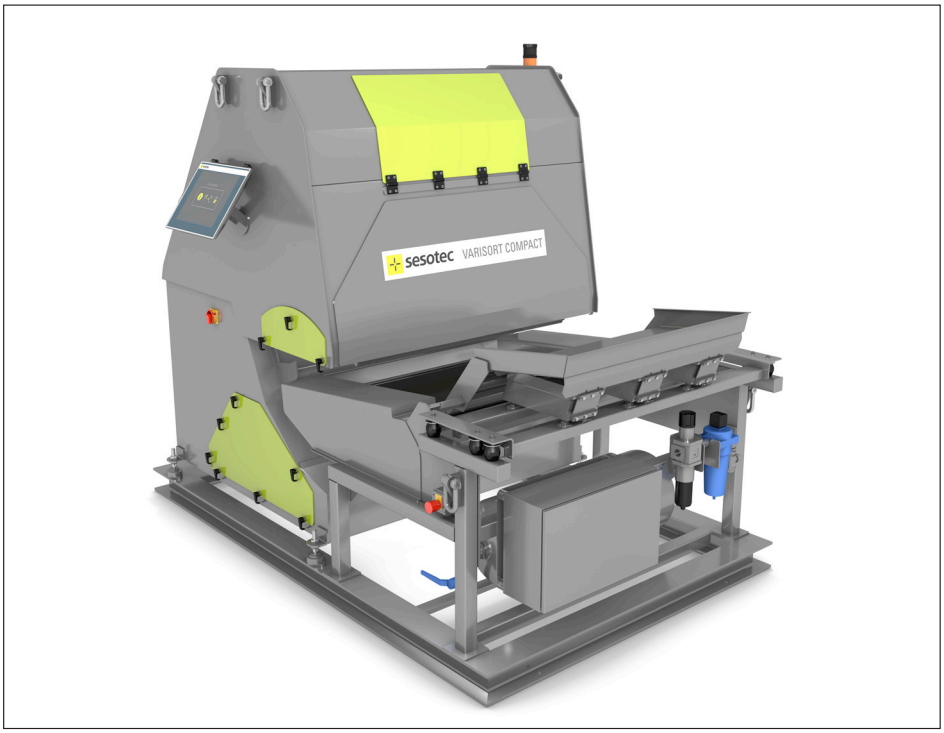
VARISORT COMPACT
Multi-Sensor Sorting System for the Recycling Industry

- Universal application in plastics, metal, and electronic waste recycling
- Effective detection and separation
- Guaranteed end product purity
- Modular design for flexible customer and product oriented solutions





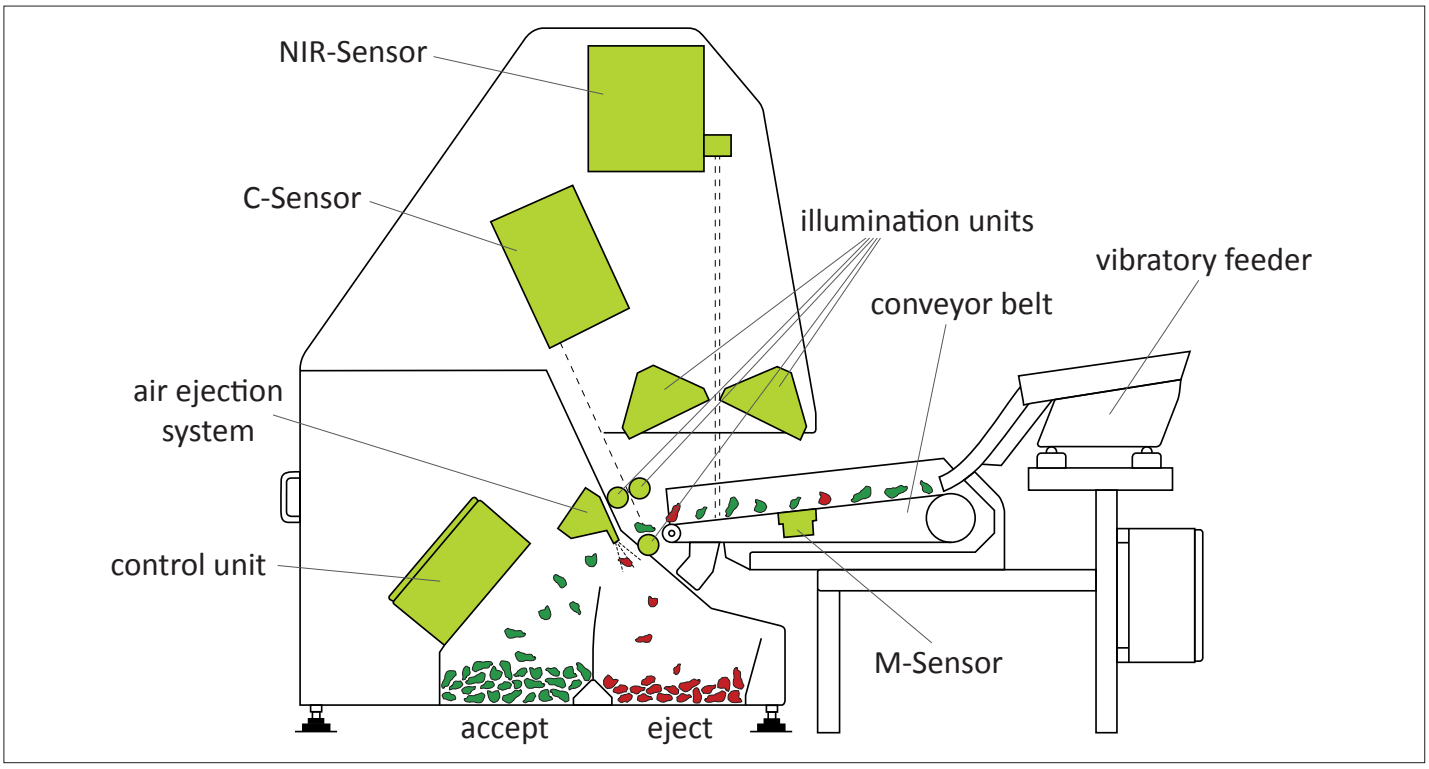




- A range of sensor combinations
- High throughput capability
- Sensor upgrades to meet changing needs
- “Learning” set up and programming
- User friendly operating interface
- VISUTEC data management system integration

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varisort-compact-pr-en-0817-v2.0



Function description: VARISORT COMPACT multi-sensor sorting machine

Function principle:

The multi-sensor sorting system VARISORT COMPACT is developed especially for sorting of three-dimensional material as well as for electronic waste. VARISORT COMPACT combines a vibratory feeder with a high-speed conveyor; eliminating the influences of weight, shape and abrasive characteristics of the material for improved sortation quality. As a result, previously impossible to sort material can now be processed.

Compared to conventional belt sorting systems, the VARISORT COMPACT is characterized by its compact design, reduced space requirements and greater flexibility for production changes based on ever changing market conditions.
The inductive metal sensor detects all metal types down to levels of 1.0mm. The camera sensor enables different colored metals as well as various other materials, with a material size range of 5 to 50mm to be sorted by color, shape and/or size. If required, polymer materials can also be identified with the near infrared sensor and sorted appropriately.

Working widths:

- **1024 mm**
- **1536 mm**

All machines are available with up to three sensors:

C Color and Shape Sensor
M Metal Sensor - optional with detection for stainless steels (differentiation between ferrous, non-ferrous and VA)
N NIR Sensor

Split machine
Splitting of the sorting machine for sorting two different material streams in parallel or for 2-step-sorting

Valve grid
Other valve resolutions possible depending on type of sorting application

Sensor upgrade
Prewiring for future integration of additional sensors

SesoDesk
New operating software combined with new octa-core technology

For detailed information and applications advice please contact us to arrange a visit by one of our experienced Sesotec sales engineers