

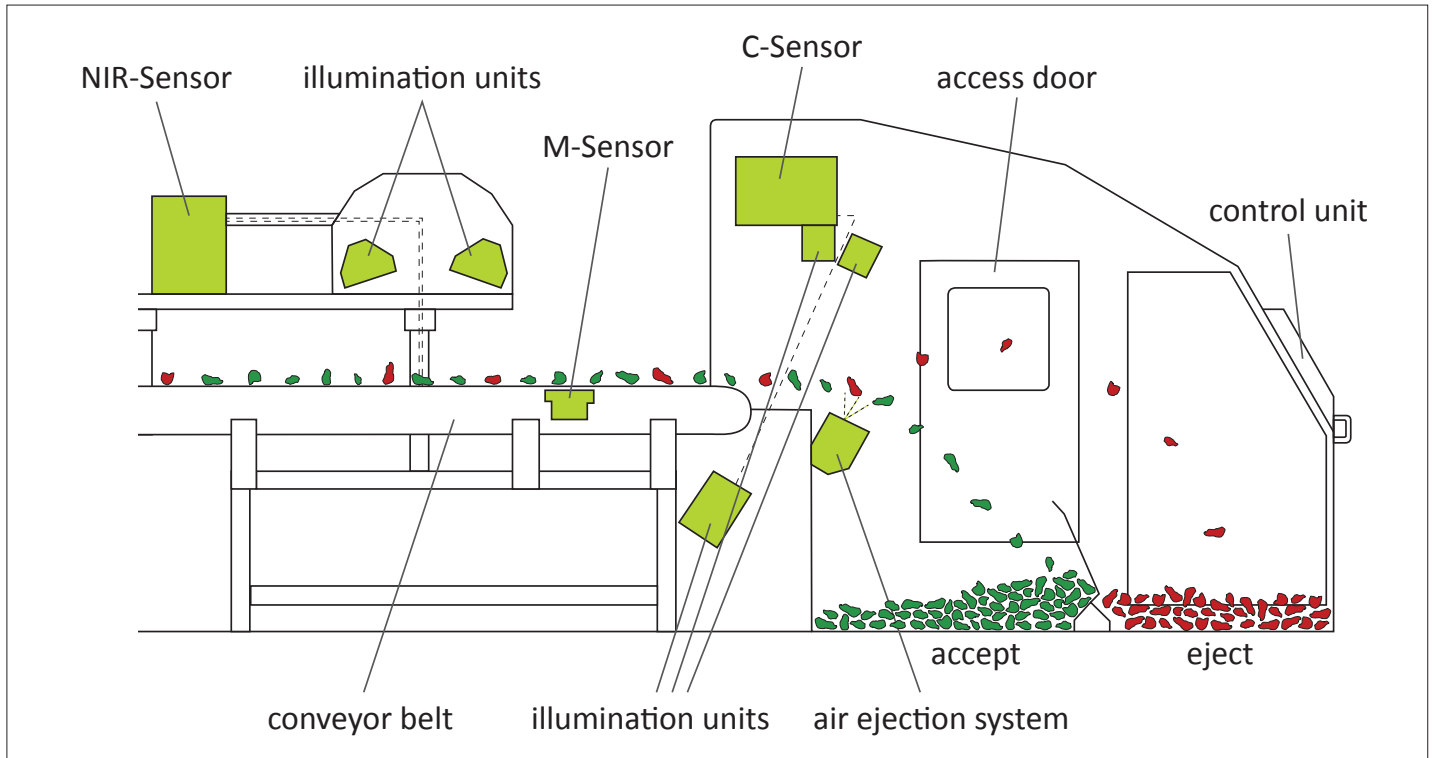
WEEE-SORT

Conveyor Belt Sorting System for the recycling industry

- Applicable to electro and electronic waste recycling
- Consistent and effective detection and separation
- Modular design facilitates customer and application solutions



- Conveyor based systems with multiple sensor options (color, shape, material and metal detection)
- High throughput
- Modular design
- User friendly operating interface
- Can be integrated into the VISUTEC data management system
- Invers Sorting Technology



Function description: WEEE-SORT conveyor belt sorting machine

Function principle:

Especially for the sorting of electrical and electronic waste Sesotec offers its multi-sensor sorting systems WEEE-SORT. It is based on a modular concept in which all existing sorting sensors can be combined within one machine, depending on the sortation requirements. A camera sensor which enables identification of diverse material types via colour, shape or size, or combination configurations of colours, shapes and sizes. A near infrared sensor to differentiate the various polymers and an inductive metal sensor to detect all metal types.

One of the special feature of WEEE-SORT is the inverse sorting capability of material. The combination of camera and metal sensors allows higher purity levels in electronic waste sortation, along with optimizing energy and compressed air consumption.

Working widths:

- 1024 mm
- 1536 mm
- 1920 mm
- 2816 mm

Split machine

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

Belt length

4,4 m and 6,2 m with configurable speed setting

Sensor upgrade

Prewiring for future integration of additional sensors

SesoDesk

New operating software combined with new octa-core technology

Options

Vibratory feeder, Rotary divider, access door, automatic valve / air-blast nozzle cleaning, compressed air tank(s) with filter unit and pressure control, condensation water separator, connections for air extraction, data management system VISUTEC

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