



## STEINERT KSS

> THE Sensor Solution

# STEINERT KSS – THE Sensor Solution

An extensive range – lots of solutions for you. STEINERT is a full-range supplier offering all standard technologies in the form of products extending from state-of-the-art magnetic separators to the most innovative sensor sorters of the STEINERT family. The individual sensors of the products within the YellowSort family can be combined with one another to form independent solutions, either immediately or in the course of a machine upgrade.

## Technology

### The form recognition - hits the spot

The new modular structure of the STEINERT KSS units is reflected in the STEINERT KSS 3D. The 3D laser recognizes the position and size of the parts to be separated with millimetre precision. Additional material properties can also be recognized by means of induction or colour cameras (e.g. STEINERT KSS 3D Induction).

Single or multiple items of information acquired by the combination of various sensors enable a wide range of applications: They can sort minerals by colour or other optical properties, sort cable and circuit boards from WEEE or airbag containers from aluminium scrap.

Regardless of whether you use them to ensure or boost your product quality, form recognition makes possible the appropriate precision. STEINERT KSS 3D stands out as a globally unique technical solution in the company's product portfolio.

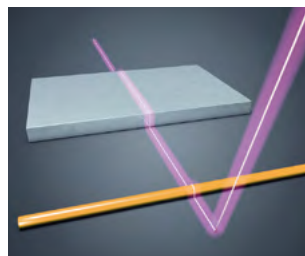
## Models

### The STEINERT KSS family

Various recognition possibilities match themselves to your needs: Whether it's the STEINERT KSS 3D Induction for improving product quality in the metals area, the STEINERT KSS XRT for separation according to material density or the STEINERT KSS 3D Color – the modular solution for your sorting task.

Naturally, the STEINERT machines incorporate all of the proven and popular benefits for which STEINERT is renowned worldwide:

- technology leading
- high efficiency
- good separation performance
- good separation results
- high availability
- maintenance friendly
- low operating costs







All STEINERT KSS machines are equipped with active valve control for up to 30 % lower compressed air consumption. The required air blast pressure and the number of the controlled compressed-air valves can be optimally adjusted. The nozzle bar is particularly exact thanks to its grid of pairs of nozzles spaced at 12.5 mm intervals. Your advantages: Optimised separation and reduced operating costs.

The STEINERT KSS machines are designed to meet your requirements: 1 m, 2 m and 3 m width are available. Whenever it's about obtaining raw materials, STEINERT is one of the top addresses – all around the world.

**What sets us apart** is our comprehensive expertise in processes and an incomparable breadth of expertise in technical sorting solutions.



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