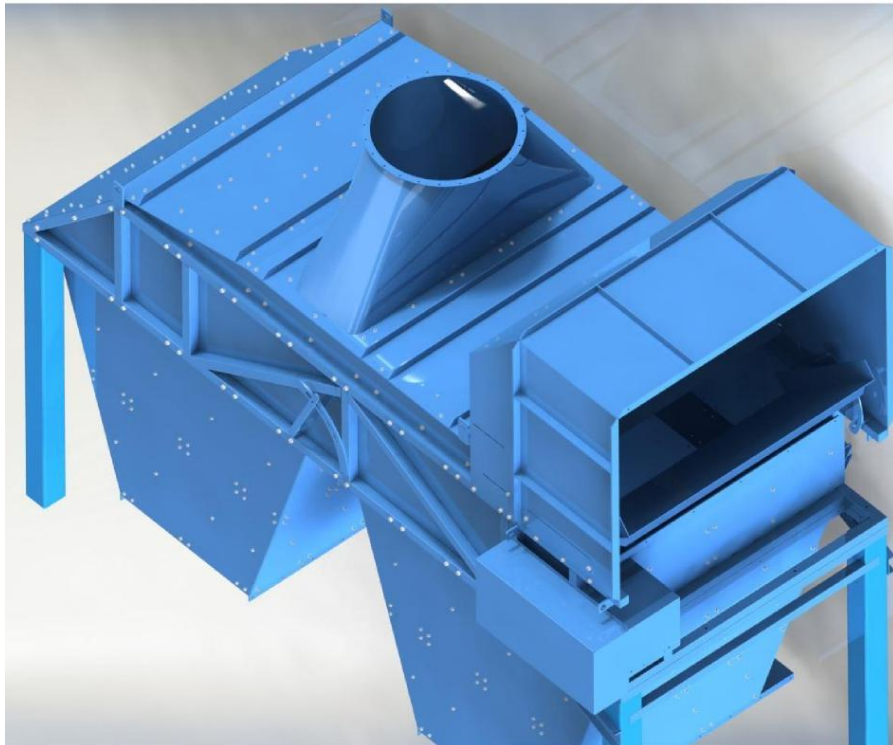




## Description: HSCS

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Processing of ASR und SLF



## The HSCS allows

- Fractionation of light and heavy as well as coarse und fine materials.
- Fractionation of materials irrespective of moisture.
- Removal of very light materials by means of a sifting feature.
- Higher throughput capacity and optimization of following process stages.

## Input material

- ASR / SLF
- Waste
- DSD (Duales System Deutschland)

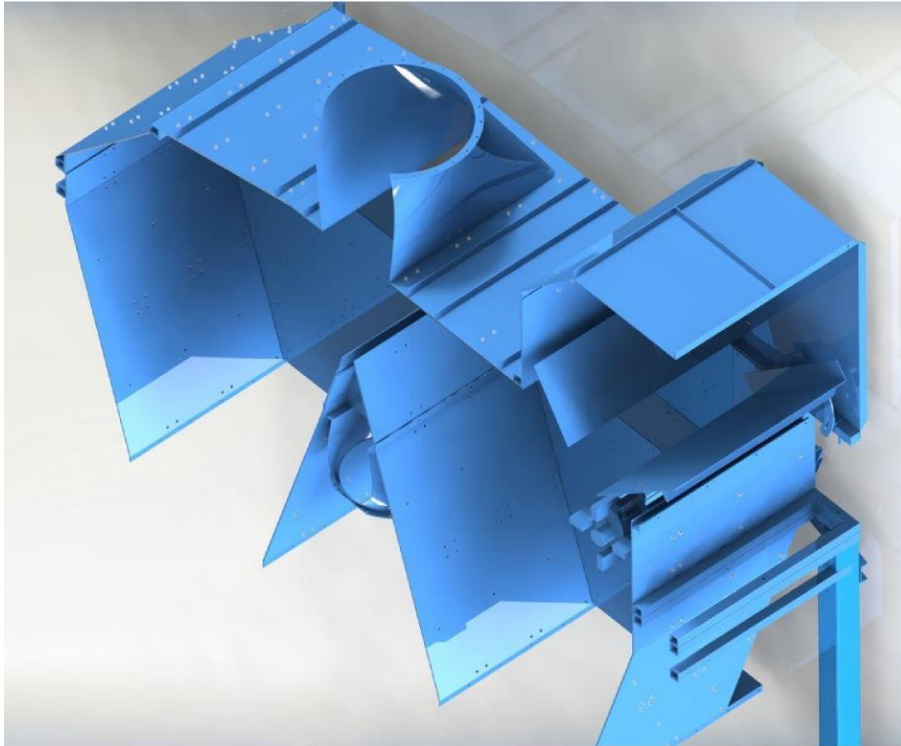
## Customer benefits

- Wide range of application.
- Extremely high efficiency and compatibility.
- Settings can be adjusted quickly and easily.
- Low energy consumption.

## Operating principle

Fractionation of materials with different densities is achieved by precise acceleration of the input material. The input material is fed onto a rotor via adjustable chute and is accelerated by the rotational force. The rotor can be operated with variable speeds. Variable settings can be adjusted to density as well as shape of each input material. Fluctuations in humidity along the product flow do not have any or only little influence on the separation result.

An optimized air stream ensures a targeted removal of dust particles.



Light materials such as fluff, foils, etc. are reduced. Compressed materials are loosened up by this procedure and prepared for further processing. A cyclone that is integrated into the air circulation system ensures a removal of the sifted material out of the air stream.

### **Technical data**

Width: 800-2000mm

Drive of shaft: e-motor, frequency controlled, depending on size up to 22kW.

Drive of ventilator: e-motor, frequency controlled, depending on size up to 75kW.

Air stream: depending on size up to 50000m<sup>3</sup>/h.

*Right of changes without further notice!*

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