

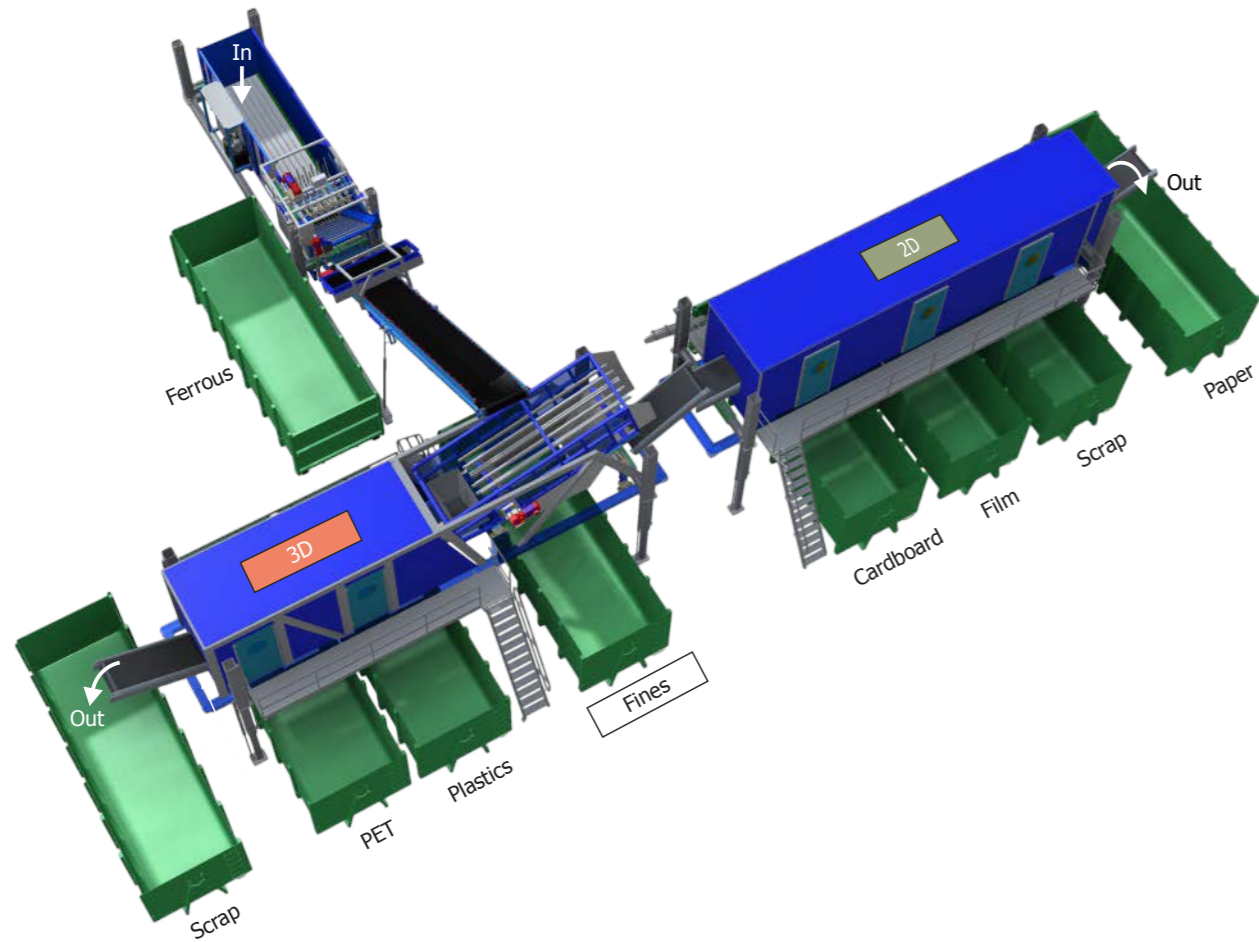


Operation

The system can be filled using a mobile loader above a hopper with or without a bag-opening system. Depending on the material, a shredder is available to process materials before they are loaded into the sorting system.

After removal from the hopper, materials with any ferrous elements are extracted. After this, the ballistic separator divides the materials into three separate streams: 3D, 2D, and fine particles. The separate streams of materials are examined either by hand, by manual operatives, or by fully automatic optical separators.

The separated resources are then stored in containers located underneath the equipment. Items that have not been separated are deposited at either end of the sorting equipment. The fine particles separated by the ballistic separator are either directly collected in a container or, if necessary, are once again processed through the sorting system.



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5/2014 - Subject to change without notice



Trans-Sorter
Mobile Sorting Systems





ALL PURPOSE – BEST SEPARATION QUALITY

Trans-Sorter

The Trans-Sorter allows you to quickly sort your resources at a low cost. This system enables you to profitably introduce items into the materials cycle. The use of the 40' ISO container dimensions allows for the equipment to be easily transported through cost-effective transportation methods.

The systems can be quickly assembled through hydraulic telescopic supports. A simple press of the operating button allows each module to be positioned at any desired height. Afterwards, the module is placed on the transport mechanism.

As a result of the combination of different functional modules, the system is capable of being adapted for use on almost any desired task. The compact, sophisticated modular construction and economically efficient drive ensures that the system is suitable for almost any application. The Trans-Sorter guarantees you a high throughput rate with low operation and maintenance costs.

Application

Separation of:

- Household waste
- Lightweight packaging
- Packaging materials
- Industrial and commercial waste
- Building site waste
- Plastics
- PET containers
- Waste paper

Features

- Semi-mobile systems based on 40' ISO container dimensions with twistlock transport system
- Simple transport by all conveyance methods
- Rapid assembly with the aid of hydraulic telescopic supports
- Can be assembled outdoors or inside commercial properties
- Robust mechanical design for long-term use
- Economical, low-maintenance electrical drives for all operational elements
- Throughput rates up to 20 t/h
- Integrated control system
- Independent operation using power generator
- Can be adapted to customer requirements

Bunker/Bag-opener/Shredder 2D Magnet Separator Fines Ballistic Separator 3D



Easy transport due to 40' ISO-Container measurements

Input Material

Recycled



Example Configuration

