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Waste disposal with system

The material separator from the FA series

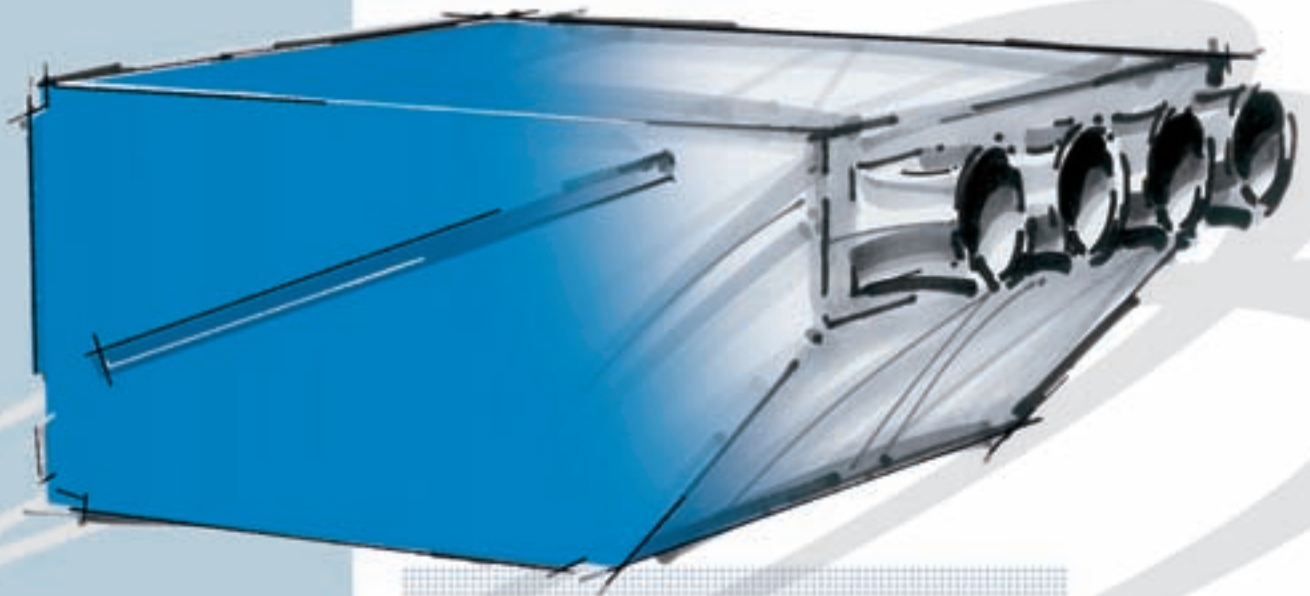
In the units with pneumatic transportation of waste products, the separator serves to separate between substances and the air which has been used for the transportation.

The conception of this device guarantees simple mounting and negligible energy use.

The loss of pressure in the separator amounts to approximately 20 daPa in comparison with traditional cyclone-separators with around 80-150 daPa.

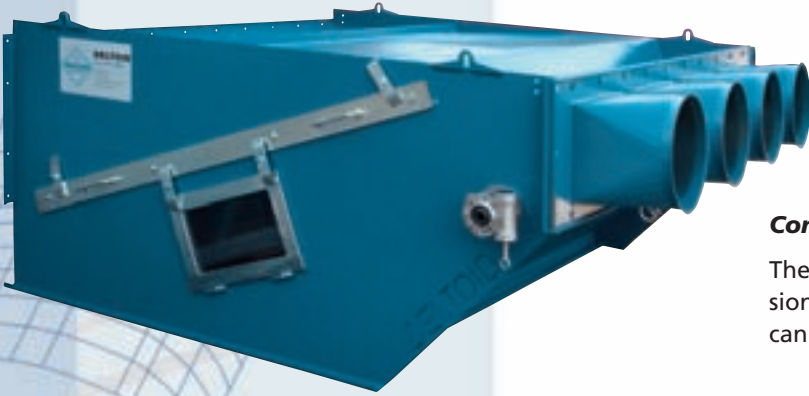
The material separator is already in use in the most varied sectors. Whether it's in the paper, cardboard packaging, composite materials, metal or plastics industries, the separator masters these tasks effortlessly and is characterised by its high availability.

The most up-to-date processes (CNC) and high-quality materials are used for the manufacture of the material separator. Due to its robust structure and simple construction, the material separator is impervious to changing quantities of air and waste.



Technical information

The material separator from the FA series



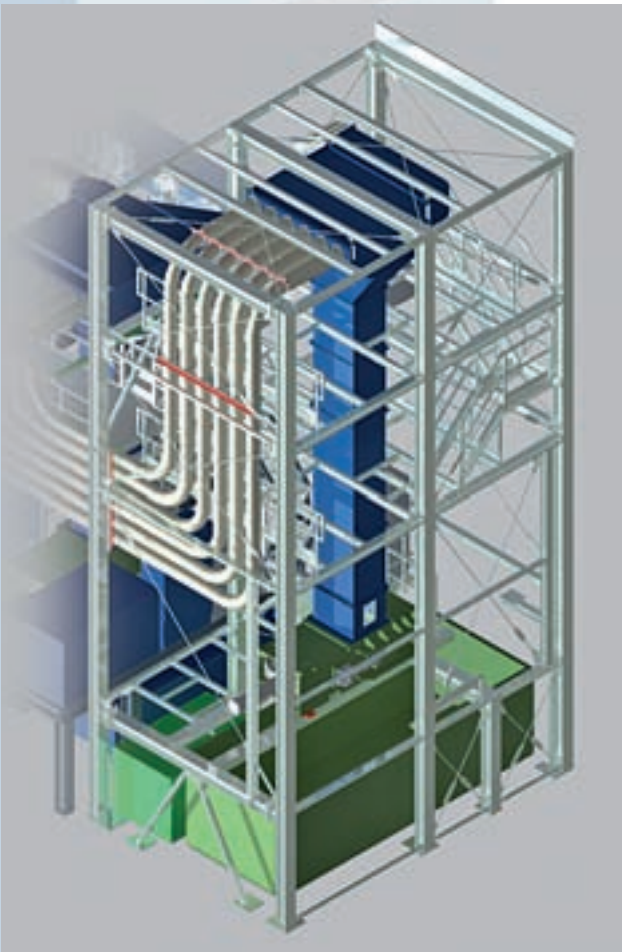
Components and functioning

The separator is a static device which consists of an extension housing in which an angled, laterally inserted grid can be found.



An air cushion is created parallel to the grid due to an adjustable guide plate on the inlet side. The medium which is to be separated slides along on this air cushion and drops downwards to be discharged. As a result of this, the air escapes through the angled grid.

Laterally attached display openings make it possible to perform a quick check of the functioning of the separator.



The advantages of the material separator at a glance

- High operational availability
- Low energy need, high economic efficiency
- Compact design and therefore less space required
- Impervious to fluctuations in quantity of material and air
- Wide range of uses
- High lifetime of the separator grid
- Easy to maintain



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