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News

Dustfree shredding of electronic components

22.11.2016 News

Disused electronic components often contain valuable metals like gold and platinum or copper. Recycling of these reusable materials is proven to be worthwhile for economic reasons, but also for environmental reasons.

For example, 200 grams of gold can be recovered from one ton of old mobile phones. To obtain five grams of gold from a mine, one ton of ore needs to be moved.

A central role in recycling processes have shredding plants. They break down the disposed devices into smallest parts. Filter plants are downstream these processes so that no substances hazardous to health are emitted to air. Because of the explosive shredding dust, the filters have to be designed for low residual dust content as well as with appropriate explosion protection measures.

Infastaub has completed a major order for such a task. In detail six pocket filters type Infa-Mat were manufactured. They have a total air volume of 26,000 m³/h.

The dust is collected at the receiving hopper of the shredding plant. Because of the new pocket filters, the recycling company achieves a high product recovery rate. Infastaub guarantees a residual dust content of < 1mg/m³ with the pocket filters.



Market place

You find the market place for used filter units [here](#).

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Contact

Infastaub GmbH

Niederstedter Weg 19
61348 Bad Homburg v.d.H.
Tel.: +49 6172 3098-0
Fax: +49 6172 3098-90

infa@infastaub.de

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