

# STOLZ

## Sleeve filters

CFM



ENGINEERED  
TO YOUR NEEDS

### FEATURES

- High filtration capacity: up to 210 m<sup>2</sup> as standard
- Cleaning by counter current compressed air (tank does not require to be tested again)
- Filtering sleeves adapted to the different kinds of products
- Shapes designed to limit product retention
- Control of the filtering process of product similar to pad filters

### USES

- Centralised dust removal
- Grinding
- Bulk pit dust removal
- Bulk loading cleaning
- Cleaner - lump breaker

Stolz is a proud part of the global Desmet organization



## CYCLOFILTER PRINCIPLE

The advantage of the cyclonic effect is a pre-separation of the biggest particles that could damage the sleeves.

Thanks to a more resistant round shape it can resist to pressure-vacuum :

- Safe installation for Atex zone, protected by explosion vents
- Pneumatic transfer installation
- Cleaning units with vacuum pressure
- Separation of products with high pressure (fine grinding with turbosifter,...)

It can also provide a product separation :

- Fines (premix and micronized powders)
- Abrasive materials (minerals or grains)
- Specific products (starch, chicory, gluten, sunflower cakes, soybean, canola)

## ANTI-EXPLOSION RISK SOLUTIONS

- Use of antistatic filters, oleophobic, hydrophobic...
- Installation of explosion vents (to be specified according to: implementation, capacity, product KST,...)
- Reinforcement of the filter
- Clogging monitoring of the filter by measuring the Delta-P
- Control of the state of filters
- Wastes control

## REGULATION

- Atex compliance on request
- Compliance to the regulations in force and to specific requests in regards of dust discharge
- Air tank compliance to the pressure equipment directive does not require to be tested again



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82 Route de Boisjean • 62170 • Wailly Beaucamp • France

Tél : +33 (0)3 21 90 05 05 • [contact.stolz@desmet.com](mailto:contact.stolz@desmet.com)

[www.desmet.com/stolz](http://www.desmet.com/stolz)

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