



Protection for operators and parts

Slitter dust removal

For papermakers who have HSE issues due to dust influence our product is the most efficient on the market with the highest dust catch rate that protects the operators from dust health hazard.

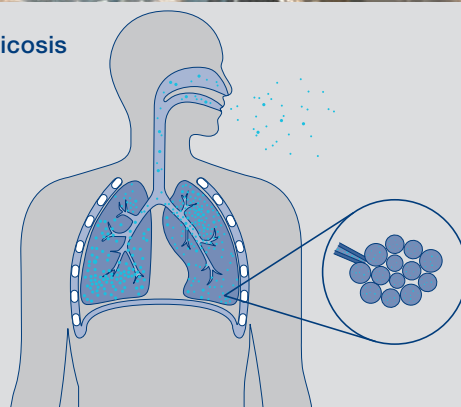
Unlike the existing top slitter solutions on the market our product is unique in the dust removal application for bottom slitters because of our compact and modular design with small installation space.

Main benefits

- + Highest dust catch rate up to half a ton per year
 - + HSE improvement due to less dust pollution of the ambient air
 - + Less unplanned downtime due to blocked parts
 - + Less maintenance effort due to longer lifetime of parts
 - + Less cleaning effort for employees
 - + Maintenance friendly design for slitter and spare parts exchange
-



Silicosis

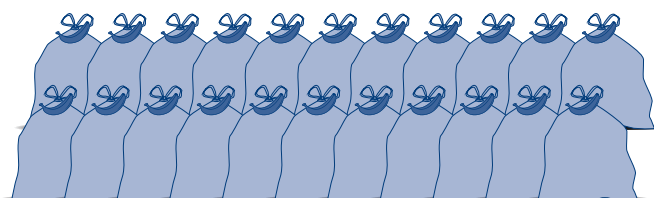


Problem dust leads to

- High cleaning effort in the whole winder area
- Increased wear on parts, in worst case downtime
- HSE issues for the operators' lungs

→ Highly efficient dust catching rate required to clean the ambient air

up to **500 kg**
dust per year

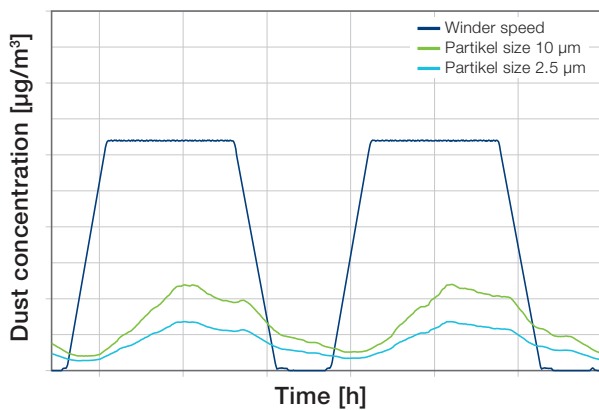


“The new slitter dust removal system from Voith has been successfully in use on our PM 6 for around a year. This brings us a big step closer to our desire for a dust-free winder. The dust created during cutting is sucked away directly at the point of origin and no longer gets into the ambient air. This reduces both the cleaning effort and the dust pollution and protects our operating staff in two respects.”

Christoph Nahrath, Production Manager PM5 und PM6 at Schoellershammer in Düren



Dust audit



Scope

- Dust measurements at various measurement points
 - Prerequisite for retrofitting existing systems:
 - Inspection of the suction unit incl. piping
 - Attaching of measuring points in the piping system
 - Performing of vacuum measurements to evaluate the efficiency
- Dust audit execution by experienced measurement and diagnostic team

Goal

1. Identify the dust sources
 2. Analyze the customer needs
- Recommending solutions to reduce dust accumulation

Summary

- + Unique in the market with
 - suction shoe principle for highest dust catch rates
 - application for bottom slit at small installation spaces
- + Compact & modular design
- + Dust audit to identify the biggest dust influence
- + Protecting the operators from dust health hazard

Please click on this [link](#) or scan the QR code to visit our Voith winder upgrades website:



Voith Group
St. Poeltener Str. 43
89522 Heidenheim
Germany

www.voith.com

How can we support you?
Just contact us via our **webform**.



Contact:
Phone +49 7321 37-0
paper@voith.com



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