

# Keep your winder sharp SharkBlade & Slitter Care

For papermakers who have safety and performance issues with their slitter blades our product is the easy, safe and long-lasting slitter solution that realizes an injury-free slitter exchange and a clean cut at lowest lifecycle cost.

Unlike the conventional top slitter blades on the market our product is unique in the slitter application because of our implemented bionic principle of self-sharpening.

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## Main benefits

- + Four times longer slitter lifetime
  - + Lower lifecycle costs for slitter management
  - + HSE improvement due to injury-free slitter exchange
  - + Less waste due to stable slitter sharpness
  - + Less effort for operators to exchange dull slitters
  - + Expert support to keep the optimum level of sharpness
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# SharkBlade

## Biological inspiration of self-sharpening beaver teeth

Beavers have continuously growing, self-sharpening teeth by using material combination of hard enamel and soft dentin

→ Softer dentin is worn away, exposing the harder enamel, forming a self-sharpening cutting edge

→ This principle is used for our new blade, ensuring stable cutting quality and longer lifetime



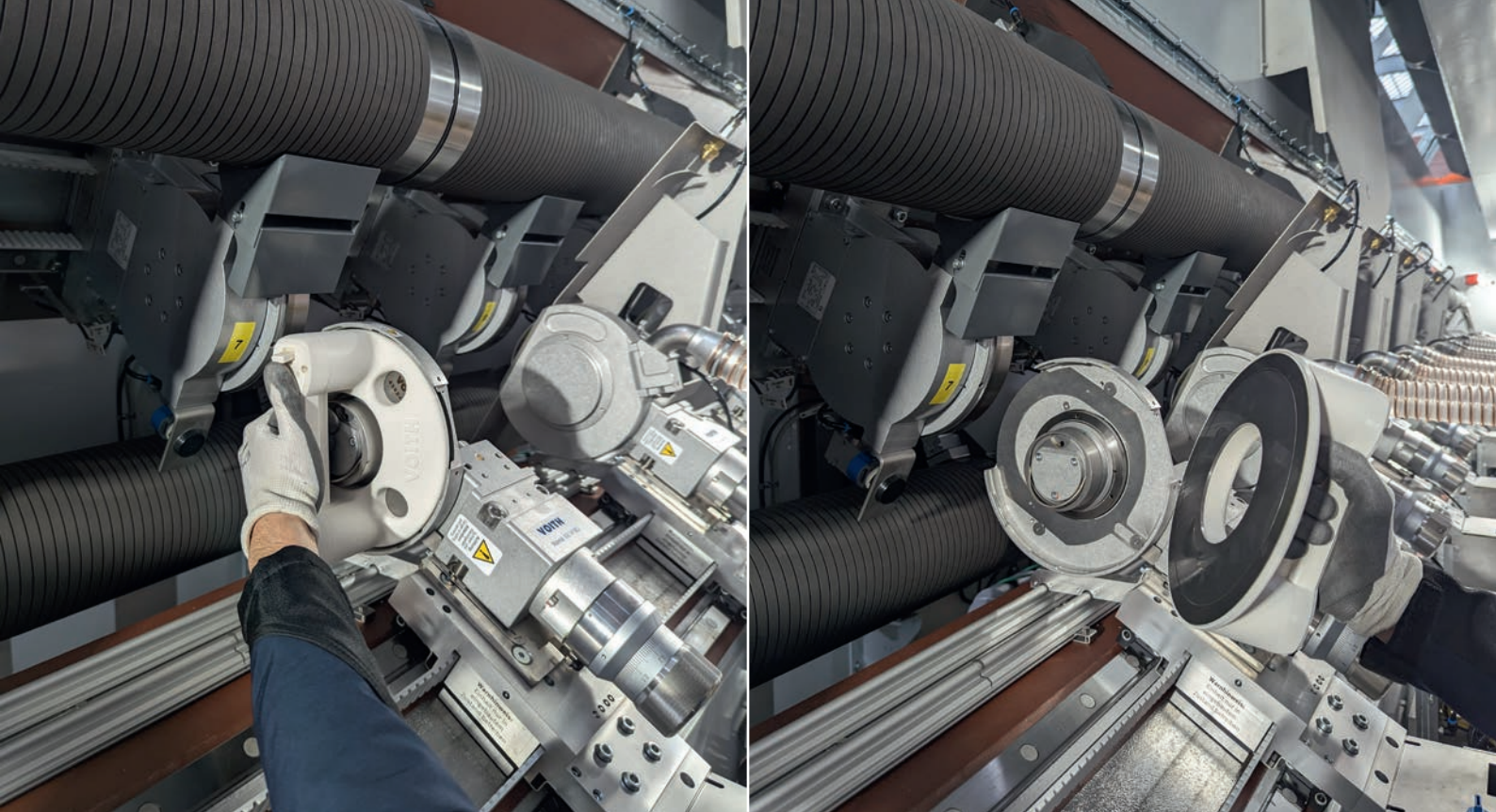
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**“With SharkBlade, the slitter lifetime on our VariPlus winder has increased on average by three times. The correct adjustment (angle, contact pressure and immersion depth) is crucial for achieving these long lifetimes, which (depending on paper grade) can even be five times longer than our standard slitters.”**

**Guido Ressin**, Manager Converting at Koehler in Kehl

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# Slitter Care

## Specification of sharpness agreement

Features	Included in service
Innovative transport boxes with safety functions for injury-free slitter exchange	✓
Pick-up of the transport boxes with dull slitters at the agreed pickup address	✓
Refurbishment of top and bottom slitters in original equipment manufacturer (OEM) quality	✓
Return delivery of the transport boxes with sharp slitters to the agreed delivery address	✓
New slitters automatically replace badly damaged or undersized slitters in the transport box	✓
Standby-slitter-set ("last knife standing") always in stock in case of short-term needs	✓
Annual operator training for the slitter section (all settings, safety recommendations, slitter handling, cutting technology)	✓
Flat rate price with minimal administrative effort (fixed price including regrinding and replacement at minimum diameter)	✓

→ Reliable service offering to provide our customers with always-sharp slitters at a competitive price and minimal effort

## Summary

- + Longer slitter lifetime
- + Lower lifecycle cost (TCO)
- + Increased safety
- + Stable cutting quality
- + Less effort for slitter management
- + Winder expert support

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](http://www.voith.com)

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



Contact:  
Phone +49 7321 37-0  
[paper@voith.com](mailto:paper@voith.com)



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