

## Media Release

Voith Group

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### **VariFlex Performance – High-capacity winding for demanding applications**

- Newly developed high-performance winder for a working width of up to 10 meters
- Boosting set change time to 25 seconds
- Design speed of 3,000 meters per minute

**HEIDENHEIM, Germany.** Developed for the highest customer requirements and specially designed for maximum output: With VariFlex Performance, Voith sharpens its portfolio of two-drum winders.

VariFlex Performance is a new solution that has already been successfully launched on the market. With this leading-edge winder, Voith reinforces its position as a technology leader in the paper industry. It sets new performance standards in terms of high-capacity winding, thanks to a design speed of 3,000 meters per minute and a 25-second set change time. This results in a significant increase in both efficiency and productivity. VariFlex is designed for a working width of up to 10 meters.

“With VariFlex Performance, Voith has developed a new high-capacity winder that is designed from scratch to fulfill all customer demands. Consequently, this winder fully focuses on the best winding quality, reliability and maximum production,” says Christian Woelfel, Head of Application at Voith.

“VariFlex Performance is our foundation for implementing full digitalization and connectivity in the end section,” adds Daniel Juergens, Global Product Manager at Voith. “In combination with our upcoming developments in the end section, this winder is a central element to bring key features – such as predictive winding, fully automatic process communication and highest winder throughput – to the next level.”

## **State-of-the-art technology**

The unique Gecko OneStep system ensures reliable start and end gluing. Further boosting of the winding performance is achieved with SmoothRun technology. This active drum dampening system significantly reduces paper induced vibrations, leading to an increased capacity as well as brilliant winding results.

## **Innovative and user-friendly automation system**

Live condition monitoring and a clear system analysis are features of the automation system. In addition, the system provides an easy data exchange to the mill system and enables the integration of automatic jumbo roll identification.

## **Short assembly and start-up time**

VariFlex Performance will be delivered in only five main assembly modules. All modules are placed on common foundation rails, which simplifies alignment work as well as the civil engineering process. Voith handles the entire setup. Thorough in-house testing ensures that the system operates reliably right from the beginning.

For more information about VariFlex Performance, visit the Voith website:  
[www.voith.com/variflex-performance](http://www.voith.com/variflex-performance)

## **About the Voith Group**

The Voith Group is a global technology company. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the markets of energy, oil & gas, paper, raw materials and transport & automotive. Founded in 1867, the company today has more than 19,000 employees, sales of € 4.2 billion and locations in over 60 countries worldwide and is thus one of the large family-owned companies in Europe.

The Group Division Voith Paper is part of the Voith Group. As the full-line supplier to the paper industry, it provides the largest range of technologies, services, components and products on the market and offers paper manufacturers solutions from one single source. The company's continuous stream of innovations takes papermaking to the next level and facilitates resource-conserving production. With its Servolution concept, Voith offers its customers tailored service solutions for all sections of the production process. Voith Papermaking 4.0 ensures that equipment is optimally connected, while the secure use of generated data enables paper manufacturers to improve plant availability and efficiency.

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page 2 of 3



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page 3 of 3

VariFlex Performance was developed to meet the highest customer requirements.



Before delivery, the two-drum winder is extensively tested at Voith.

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