

Media Release

Voith Paper

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Voith introduces new Pluralis Hot Stock (HS) refiner fillings

- The latest solution in refining offers significant energy and raw material savings for pulp mills and hence promotes sustainability
- Designed for high shive reduction and improved throughput
- The use of an STT alloy provides increased abrasion resistance and longer service life

HEIDENHEIM, GERMANY. Voith is supplementing its proven Pluralis family with new Pluralis Hot Stock (HS) refiner fillings. Representing a significant advancement in refining technology, they are specifically designed to meet the demanding requirements of pulp mills and to minimize resource consumption. In addition, Pluralis HS refiner fillings can significantly improve paper quality, energy efficiency and overall pulp mill performance.

“The new Pluralis Hot Stock refiner fillings combine the high efficiency of the leading Pluralis technology with ideal shive reduction,” says Elias Fleschhut, Global Product Manager at Voith Paper. “Offering impressive shive reduction of 75 to 90 percent, HS fillings significantly increase fiber yield and reduce energy consumption.”

Designed for long service life and highest production throughput

The use of STT alloy provides increased abrasion resistance and longer service life, even under the harsh conditions of a pulp mill with operating temperatures above 90 °C and high throughput requirements. The arrangement of the bars in a non-parallel orientation ensures that the edges intersect at an optimal angle and treat the largest possible percentage of fibers. The design was developed specifically for high kappa pulps and offers the highest production throughput and high shive reduction with extended service life.

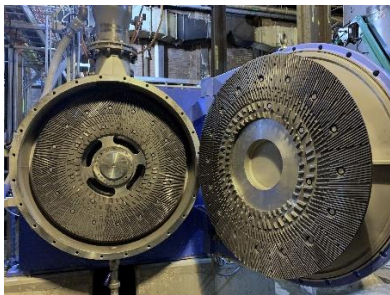
Pluralis HS refiner fillings can be used in Voith refiners as well as refiners from other common manufacturers with diameters from 20 to 54 inches.

To learn more about fiber preparation and Voith's proven Pluralis product line, please visit: <https://voith.com/corp-en/papermaking/fiber-treatment-with-pluralis-and-thewall.html>.

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, paper, raw materials and transport & automotive. Founded in 1867, the company today has around 21,000 employees, sales of € 4.9 billion and locations in over 60 countries worldwide and is thus one of the larger 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 and products on the market and offers paper manufacturers holistic solutions from a single source. The company's continuous stream of innovations facilitates resource-conserving production and helps customers minimize their carbon footprint. With its leading automation products and digitalization solutions from the Papermaking 4.0 portfolio, Voith offers its customers state-of-the-art digital technologies to improve plant availability and efficiency for all sections of the production process.



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