

Media Release

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CleanLine: The effective solution for cleaning fabrics on all sections of the paper machine

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Heidenheim, Germany: Voith's innovative CleanLine traversing cleaning systems for fabrics provide additional benefits for customers compared to established cleaning methods.

With CleanLine, Voith has developed its systems to improve paper quality by thorough cleaning of the fabrics. CleanLine systems are available for all sections of the paper machine either as new installations or as upgrades of existing Voith equipment to remove more contamination from the surface and structure of fabrics. The CleanLine systems work in combination with other Voith products to improve the productivity, runnability, safety and quality of the paper making process.

Maintain Fabric Performance

Clean fabrics are essential for the removal of moisture from the paper web and for achieving the required properties of the finished paper. Voith CleanLine Systems are effective in maintaining the performance of the fabrics and are a cost effective solution to reduce the effects of contamination.

Leading Technology

CleanLine Excell – Forming: by cleaning in two directions with a close concentration of fine water jets the forming fabric is much cleaner. Uniform performance of the fabric is achieved because Excell can more easily remove different levels of contamination across the fabric width. The system uses only about 10 percent of the water volume compared to an oscillating high pressure shower and runs on key reference machines in Europe, America and Asia.

CleanLine Excell – Press: has a selection of different cleaning heads for additional cleaning of press fabrics and transfer belts to solve specific problems with contamination, cleaning chemicals or profiles.

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CleanLine Extract4D – Dryers: has just been introduced for packaging and newsprint paper grades made from recycled fiber. Up to four directions of water jets directly contact and remove more contamination from the fabric. This unique system has resulted in better runnability on both packaging and newsprint machines due to cleaner fabric surfaces and higher permeability retention.

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CleanLine Extreme – Coaters: is a new system for cleaning tensioning fabrics, running successfully on more than 20 top and bottom sections. Productivity is improved because the system can automatically switch between on-line and off-line cleaning to keep the fabrics in good condition. Highest quality of the coated paper is achieved by using an extended air-knife and option of a heated air blower to ensure that the fabric surface is dry when it contacts the coated paper.

Servolution

With Servolution, Voith is offering customized service packages to improve the performance of its customers and help them increase their productivity. The holistic approach, modular design and easy access to components in the CleanLine systems provides efficient servicing and management of spare parts from a single supplier. Voith provides a comprehensive support package to ensure the highest availability and performance of the cleaning equipment.

The quality of raw material for making paper faces many challenges in the coming years. Voith's process know-how, understanding of fabrics and wide experience of fabric cleaning systems makes CleanLine the complete solution for fabric cleaning.

About the company

Voith Paper is a Group Division of Voith and the leading partner and pioneer in the paper industry. Through constant innovations, Voith Paper is optimizing the paper manufacturing process, focusing on developing resource-conserving products to reduce the use of energy, water and fibers. Furthermore, Voith Paper offers a broad service portfolio for all sections of the paper manufacturing process.

Voith is a global technology group. With its wide range of plants, products, services and digital applications, Voith sets standards in the markets for energy, oil and gas, paper, raw materials and transport & automotive. Founded in 1867, Voith today has more than 19,000 employees and earns 4.2 billion euros in sales. It has locations in over 60 countries and is one of the largest family-owned companies in Europe.

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Voith has just introduced CleanLine Extract4D in the drying section for packaging and newsprint paper grades made from recycled fiber.



CleanLine Extreme from Voith can automatically switch between on-line and off-line cleaning to keep the fabrics in good condition.

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