

Media Release

Voith Paper

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Successful startup of Voith's cleaning system CleanLine Extract4D at lightweight packaging and bogus paper manufacturer in Canada

- Technology ensures high cleanliness in the dryer section by using four-way water jets
- Resulting constant fabric permeability prevents sheet breaks and allows for higher machine speeds, leading to improved runability and productivity
- Minimal water consumption contributes to more sustainable production processes

APPLETON, WI, USA. Voith successfully installed three CleanLine Extract4D cleaning systems for fabrics in the dryer section of a Canadian manufacturer for lightweight packaging and bogus paper. The implementation of the precise technology represents a major step forward in enhancing the efficiency and sustainability of the customer's production processes.

"We are thrilled to see the successful startup of the CleanLine Extract4D," says Austen Busse, Director of Project and Order Management at Voith Paper. "This project is a testament to our team's dedication and expertise, and it underscores our commitment to providing cutting-edge solutions that meet the evolving needs of our customers. The collaborative efforts ensured that the project was completed on time and met all performance targets."

With water jets in four directions, the CleanLine Extract4D technology ensures a very high level of cleanliness in the drying section, as it eliminates contamination on the fabric surface, at the crossover points between the yarns, and within the voids of the structure. It operates with

minimal water consumption, contributing to more sustainable production practices. An integrated air knife and vacuum zone ensures the residual cleaning water and contaminants will be directed outside the dryer fabric. By maintaining a cleaner dryer section, the technology helps to maintain fabric permeability to prevent sheet breaks and allows for higher machine speeds, leading to improved runability and productivity.

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Voith's CleanLine portfolio covers cleaning solutions for the forming, press, dryer and coater sections of the paper machine. The solutions are continuously being developed, with innovations aimed at the best cleaning performance while ensuring smooth maintenance and machine availability. For more information about CleanLine technologies visit the Voith website: <https://voith.com/corp-en/papermaking/cleanline.html>

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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 22,000 employees, sales of €5.5 billion and locations in more than 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 integrated solutions from one source. The company's continuous stream of innovations facilitates resource-conserving production and supports customers in significantly reducing their carbon footprint. With its comprehensive automation products and leading digitalization solutions from the Papermaking 4.0 portfolio, Voith offers its customers state-of-the-art digital technologies to increase the availability and efficiency of their systems in all areas of the production process.



The installation of the CleanLine Extract4D technology at a Canadian containerboard mill ensures superior cleanliness, high runability and reduced water consumption.

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