

Media Release

Voith Paper

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Optimized LC pulping system for recycled paper: Voith's BluePulpLC enables significant resource savings

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- Designed for reduced fiber loss, improved energy efficiency and increased reliability
- Low maintenance machines increase runability
- Global customers such as Bulleh Shah Packaging are convinced of efficiency gains and cost savings

HEIDENHEIM, GERMANY. Voith, a leading full-line supplier in the paper industry, presents its optimized LC (low-consistency) pulping system for recycled paper. The previous TwinPulp system has undergone extensive further development, with the focus on improving efficiency and reducing costs. Following the optimization of the IntensaPump after the IntensaPulper IP-R, the IntensaMaXX and the IntensaScreenDrum, the revisions of all main components have been successfully completed. The high-performance OCC dissolution system, which meets the latest technological standards, is now available under the name BluePulpLC.

"We are proud that we have been able to further develop our TwinPulp pulping system into the BluePulpLC, a product of the proven BlueLine product family," says Wolfgang Müller, Global Product Manager Pulping. "It now combines all the key economic and technological advantages that our BlueLine portfolio stands for: reduced fiber loss; low energy consumption; simple, safe operation; increased runability; and a robust, low-maintenance machine design."

Every component of BluePulpLC contributes to more efficient and reliable resolution. Compared to conventional LC pulpers, energy consumption can be reduced by up to 25 percent with the eccentric IntensaPulper IP-R. The improved IntensaPump conveys the highly contaminated stock flow from the IntensaPulper IP-R to the IntensaMaXX disposal machine largely free

of blockages, enabling energy savings of up to 30 percent and reducing wear at the same time. IntensaMaXX allows for maximum contaminant contents, while the special shape of the housing suppresses the formation of spinnings. The IntensaScreenDrum screening drum washes out rejects very efficiently, thanks to sophisticated spray pipes, and minimizes fiber losses.

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BluePulpLC can be integrated into existing stock preparation systems as well as newly configured systems. The response is impressive. For Bulleh Shah Packaging, the installation of BluePulpLC has been a valuable step.

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“The Voith pulper is outclass. We get very convincing results. It delivers uniform mixing and separates reliably,” reports Mohammad Asghar, Manager OCC Stock prep area PM6 and PM7 at Bulleh Shah Packaging. “After installing the IntensaPump and its back flushing sequence, we are running free of blockage issues and are 100 percent satisfied with the performance.” The IntensaScreenDrum also receives special recognition: “I have never seen such a high-performance screen in my career. It completely removes plastics and supports us in reaching maximum yield after pulper slushing.”

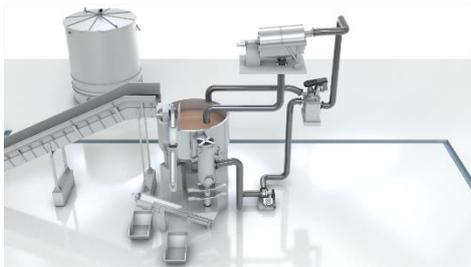
With the development of the BluePulpLC system, Voith once again underlines its goal to provide sustainable and resource-efficient solutions for paper production from a single source, thereby increasing productivity and profitability for its customers. For further information, visit the following link: <https://voith.com/corp-en/papermaking/pulping.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 22,000 employees, sales of € 5.5 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 one 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.



BluePulpLC: Voith's optimized pulping system stands for efficient use of resources and reliable operation.

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