

Media Release

Voith Paper

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New IntensaPump from Voith reduces maintenance costs and energy demand in stock preparation

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- Designed for blockage-free pumping of stock flows with a high proportion of contaminants
- Enables increased pumping capacity with reduced energy demand
- Low wear due to low-lying outlet nozzle

HEIDENHEIM, GERMANY. Contaminant-loaden stock flows in pulping systems for recovered paper can only be conveyed reliably and largely blockage-free with a special pump. Whether in the LC or HC system, the new IntensaPump reliably pumps critical contaminants to the next machine in both systems.

"Compared to its predecessor, the Contaminex CM, the IntensaPump combines a wide range of benefits for our customers, such as higher throughput with reduced energy requirements, lower maintenance requirements and improved runability. These advantages make the IntensaPump a new addition to our comprehensive BlueLine portfolio and the Intensa family," says Wolfgang Müller, Global Product Manager Pulping.

Voith's BlueLine portfolio includes modern machines and products for stock preparation that are characterized by efficient energy and other raw material consumption as well as gentle fiber treatment.

Technical advancements enable customer benefits

Large debris can easily pass through the pump housing, as the large nozzle and housing space, as well as the recessed vortex impeller, prevent the IntensaPump from clogging. A frequency converter enables optimized pump speed with reduced energy consumption for discontinuous pump operation. During pumping pauses, when no medium is being pumped,

sediment and wear-promoting parts are deposited in the horizontal nozzle and prevent further circulation in the pump housing.

High satisfaction with the IntensaPump

"By installing the IntensaPump on our OCC 3, we had far fewer blockages in the pump and were able to save a lot of time and maintenance work. At the same time, we need less energy during operation, which has a positive impact on our CO₂ emissions and costs," says Osman Özkeser, Project Manager of the OCC 3 rebuild at Modern Karton.

In combination with the IntensaPulper, IntensaMaXX and IntensaScreenDrum, the IntensaPump is part of Voith's BluePulpLC system, which is likewise designed for the lowest fiber consumption, lowest maintenance costs, reduced energy consumption and best runability.

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 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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Voith's new IntensaPump

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