

Media Release

Voith Group

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Voith to bring immersion simulator experience to Tissue World 2020 featuring Papermaking 4.0 technology for tissue producers

- **Immersion simulator and augmented reality technology in booth C10 shows the power of on-site data**
- **In-booth holograms reveal a 3D view of key capabilities**
- **Full-line supplier's new solutions increase efficiency and quality of entire tissue production process**

APPLETON, Wis. (February 26, 2020) – Voith is driving tissue production to the next level by showcasing its latest products, services and technologies at Tissue World 2020 in booth C10 from March 11 to 13 at the Miami Beach Convention Center.

Visitors can learn more about Papermaking 4.0 and Voith's state-of-the-art XcelLine tissue machines, as well as the company's extensive portfolio of machine components; fabric and roll systems; and tailored service packages. Highlights at the show include:

- **Voith's immersion simulator**
The Voith booth will feature an immersion simulator, which puts Tissue World attendees in control of the OnCumulus data platform. During an Augmented Reality (AR) simulation, attendees will see how OnCumulus collects real-time information from an XcelLine tissue machine, giving operators insights on how to improve aspects of the machine's performance and long-term efficiency. With AR, visitors can see how this technology can be utilized to gather, store and retrieve equipment information while on site. Via live demonstrations, attendees will access digital files linked to real-life locations, making such information easily retrievable by on-site technicians.

- **3D holograms offer a unique view of Voith products**
Using 3D hologram technology, Tissue World attendees will interact with the designs of a variety of Voith products, including stock preparation and tissue machine equipment, as well as our latest in fabric and rolls technology.
- **XcellLine tissue machines from stock preparation to finishing**
The tissue market is considered dynamic, innovative and future-oriented, and with the XcellLine tissue machine, tissue producers are positioned to meet the growing demands of the market. From MasterJet Pro T headbox to the perfect reeling of the MasterReel T, your tissue production needs can all be fulfilled through Voith as a full-line supplier.
- **Cost-efficient product and service combinations**
Voith offers the ideal combination of products that work perfectly together to improve the tissue manufacturing process and maximize savings. For example, with the NipcoFlex T shoe press for tissue, up to 5 percent higher dryness can be achieved compared to a configuration of suction roll pressed against the Yankee or earlier shoe press generations.
- **Improved felt measurement and conditioning**
With a functioning model on display at Voith's booth, visitors will get a hands-on look at ProTect, which increases safety during press fabric measurements. The system consists of a self-propelled carriage, fixture and traverse beams that ensure precise measurement of fabric moisture and permeability at various sites. It can be used with all commercially-available, manual measurement devices without endangering personnel.
- **OnSite Yankee service for safety, maintenance and service**
With OTR Precise, Voith is offering tissue manufacturers a reliable technology for identifying deformations on the surface of a Yankee cylinder. The system uses a precise measurement of tensile force and a 3D measuring process to eliminate the influences of vibration producing a topographical map of the Yankee cylinder surface. This is done at a precision that sets a new benchmark for the industry.

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“At Tissue World, Voith is showcasing real product solutions for intelligent tissue papermaking that improve efficiency, productivity, quality and

safety,” said Richard Berry, Senior Vice President, Sales FRS, Voith Paper North America. These are the core challenges our customers face, and we’re proud to be the full-line supplier that is bringing tissue producers impactful, innovative solutions.

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Conference presentation

In addition to the range of products and services that will be highlighted at the show, Voith will present on the following topic:

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“Smart Evolution for Tissue”

Presenter: Alos Almeida, Sales Manager, Tissue, Voith Paper North America

When: March 13 from 8:20 to 8:40 a.m.

To learn more about Voith’s Tissue World offerings, visit booth C10 or www.voith.com/tissueworld2020.

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, oil & gas, paper, raw materials and transport & automotive. Founded in 1867, the company today has more than 19,000 employees, sales of \$4.8 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, components and products on the market and offers paper manufacturers solutions from one single source. The company’s continuous stream of innovations takes papermaking to the next level and facilitates resource-conserving production. With its Servolution concept, Voith offers its customers tailored service solutions for all sections of the production process. Voith Papermaking 4.0 ensures that equipment is optimally connected, while the secure use of generated data enables paper manufacturers to improve plant availability and efficiency.

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