

Press Release

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At Tissue World New Orleans, Voith offers solutions to increase efficiency, productivity and quality

2016-03-10

- **Papermaking 4.0 for more productivity and quality**
- **NipcoFlex T for lower production costs**
- **Find Voith at exhibition stand E 240**

Heidenheim/New Orleans: With Papermaking 4.0, Voith is introducing its networked solutions to increase the efficiency, productivity and quality of the entire paper production process supply chain. In addition, Voith will be showcasing NipcoFlex T, a shoe press developed to reduce energy consumption and raw material in tissue production. At Tissue World, which is taking place in New Orleans from March 15 to 17, trade visitors will find Voith at stand E 240.

Systems like OnCare and OnEfficiency are solutions that stem from the new Papermaking 4.0 concept. OnCare facilitates the maintenance management of paper machines, from planning, servicing and documentation through cost control to spare parts management. Thanks to permanent monitoring of the entire paper machine, optimization potential can be identified and preventive maintenance measures can be planned and implemented. Due to preventive maintenance unscheduled downtimes can be reduced and the availability of paper machines will increase. Unlike conventional software solutions, OnCare represents a complete maintenance concept, a distinctive feature of which is that data are already embedded in the software system. Likewise, it is possible to integrate OnCare in existing systems.

In addition, Voith also developed OnEfficiency to maximize the paper machine's potential. OnEfficiency Forming gets right to the process at the heart of papermaking: sheet formation. This is measured and analyzed with a package of sensors so that dewatering, retention and flocculation can be stabilized and at the same time coordinated. As a result of the stable process, raw materials and chemicals can be saved and energy usage

reduced. As a general expert on the entire paper manufacturing process, Voith ensures that its customers benefit from a dependable documentation of practical experience in papermaking process management.

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The increase in machine efficiency and improvement of paper quality are also at the core of the NipcoFlex T. At various paper mills, the innovative shoe press from Voith has already demonstrated that it can increase productivity and reduce costs. NipcoFlex T offers the benefits of up to 5% higher dry content, representing up to 20% thermal energy savings or up to 20% higher production, while maintaining the same or better paper quality. The production parameters of the press can be monitored online and re-adjusted if necessary.

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Alfredo Sarli, Sales Manager at Voith Paper Air Systems, will be providing further insights into the latest work on tissue papers in his presentation “Energy Optimization of the Yankee Dryer Hood” to be held at 9:10 am on March 16, 2016 at the conference running alongside Tissue World.

Voith Paper is a corporate division of Voith and is one of the leading partners and pioneers 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 sets standards in the markets for energy, oil & gas, paper, raw materials, transport & automotive. Founded in 1867, Voith employs more than 20,000 people, generates €4.3 billion in sales, operates in over 60 countries around the world and is one of the biggest family owned companies in Europe.*

*Without the discontinued Group Division Voith Industrial Services; previous-year figures adjusted.

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