

Press Release

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Miltenberg PM 7: New energy-efficient tissue process line from Voith successfully in operation

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A new process line was successfully put into operation at the Miltenberg paper mill and headquarters of Fripa Papierfabrik Albert Friedrich KG in the middle of November 2014. The goal of the tissue manufacturer was to maintain a modern and efficient system that is equipped with the latest resource-conserving and energy-saving Voith technology. The NipcoFlex T shoe press had special significance here, as it reduces the need for thermal energy by up to 20% due to the high dry content after the press. At the same time it is ideally suited for production of soft paper and thus meets the high quality requirements of Fripa.

The PM 7 is designed for a paper width of 2,700 mm and in the future will produce toilet paper and paper towels from 100% virgin pulp at a working speed of 2,100 m/min. With this production capacity, the Miltenberg PM 7 is currently one of the most capable tissue machines in the world. Voith delivered the entire process line to Fripa: from stock preparation and the approach flow system, the tissue machine, auxiliary equipment and system accessories all the way to automation, electrification and engineering. In addition, extensive services and replacement parts were included in the delivery, such as the entire clothing package which is ideally coordinated with the requirements of shoe press technology.

The centerpiece of the new PM 7 is the EvoDry Y Yankee cylinder with the new NipcoFlex T shoe press technology. Other energy-efficient components include the IntensaPulper and the TwinFlo refiner with Pluralis refiner fillings in stock preparation, the innovative approach flow system with the newly developed IntegraGuard headbox screen, the MasterJet T

headbox as well as dryer hoods and air systems perfectly coordinated with the production process.

“Voith stood by us as a genuine partner during the planning and processing of the project, and with the PM 7 has delivered an innovative system. Of particular importance to us were maximally optimized energy consumption, moderate operating costs, low water and waste water values and a high level of paper softness. The new PM 7 meets all these requirements,” explains Fripa Managing Director Andreas Noack.

The roots of Fripa Papierfabrik Albert Friedrich KG go back to 1911. The company offers high-quality sanitary paper that meets the constantly growing demands for hygiene in modern society. Fripa is a sought-after tissue producer in the international sanitary paper market and is known for its special flexibility and reliability.

Further information is available on the Voith website at www.voith.com/paper. Voith Paper is also on [Twitter](#) and [YouTube](#).

Voith Paper is a division of the Voith Group and the leading partner to and pioneer in the paper industry. Through constant innovations, Voith Paper is optimizing the paper manufacturing process, focusing on developing resource-saving 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 of energy, oil & gas, paper, raw materials and transport & automotive. Founded in 1867, Voith today has more than 39,000 employees, sales of €5.3 billion and locations in more than 50 countries, making it one of the largest family-owned companies in Europe.

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