

Press Release

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Voith: successful start-up of Stora Enso Narew PM 5

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At the beginning of 2013, the PM 5 supplied by Voith at Stora Enso Narew in Ostroleka, Poland, successfully went into operation. Along with installation and start-up, various services such as Mill Consulting and Total Roll Management are part of the delivery.

Voith's experience in energy-efficient systems was decisive for Stora Enso Narew in the selection of its supplier. The customer's aims are to ensure competitiveness at the location with low investment and operational costs and to cope with the rising demand for corrugating medium.

"Our focus was on low investment costs and energy saving during operation of the mill. In both aspects, we have Voith's full support," says Ari Saarnio, Project Director for Stora Enso Narew PM 5. And he adds: "The first operation impressions after start-up are positive and we have good reason to expect that Voith has delivered a reliable paper machine and winder for long-run production with great potential. Within the first few weeks, the PM 5 was already operated with 100% of its design capacity. Voith has met all the expectations we had in the purchase stage of the project."

The DuoFormer Base II installed provides for very good sheet formation. Thanks to its proven multilayer technology, this gap former ensures excellent CD basis weight profiles for packaging paper. A highlight of the PM 5 is the DuoDry CC installed for the first time. What is special here is that this drying concept effectively reduces curl. The basic idea is a vertically inverted single-tier dryer group that functions as the last group. Substantial thermal energy is saved thanks to this set-up.

The VariFlex winder is also part of the delivery. Equipped with an automatic splice system, it was able to process the paper machine's jumbo reel spools at a maximum operating speed of 2,800 m/min already in a test run without any problem. The whole capacity of the paper machine can be handled in a safe and effective manner with only one VariFlex winder.

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For Stora Enso Narew, it was important to build up a competent team at the location that can operate as independently as possible in the areas of production and maintenance. Through its Mill Consulting Service package, Voith can provide support at this point and continuously train the local team. Stora Enso Narew thus ensures itself a year of quick and direct access to Voith's knowledge and network of experts.

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With a wire width of 8,600 mm, the PM 5 produces around 455,000 metric tons of testliner and fluting annually in a basis weight range of 65-140 g/m². The operating speed is 1,600 m/min. The location was taken over by Stora Enso a few years ago and is mainly used for supplying paper to its own group for the production of corrugated board paper.

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 energy, oil & gas, paper, raw materials and transportation & automotive. Founded in 1867, Voith employs almost 42,000 people, generates € 5.7 billion in sales, operates in about 50 countries around the world and is today one of the biggest family-owned companies in Europe.

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