

Press Release

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Board and packaging paper production with Voith: quick start-up, highest degree of efficiency and best quality

2014-06-30

Board and packaging paper machines need to run at the highest degree of efficiency to be most cost effective. This is where Voith's proven machines and components come to the fore to ensure a quick start-up. Thus the PM 5, which was put into operation for Stora Enso Narew at the beginning of 2013, was already operated with 100% of its design capacity in the first week. The PM 5 produces testliner and fluting in a basis weight range of 65 – 140 g/m².

Voith offers a multitude of proven solutions for all process steps. In the former section, the DuoFormer D is used in more than 230 installations. With the further development of DuoFormer D II, the production rate can again be noticeably increased. The first DuoFormer D II put into operation in a board machine in 2013 has an increased production capacity of up to 40%. The board quality remains at an excellent level with the best smoothness and at the same time high bulk.

Voith also offers proven components for the downstream production steps. Today board and packaging paper machines are equipped with Voith VariFlex winders. Due to its modular structure, VariFlex can be designed very precisely for the requirements of board and packaging paper. That is the key for ensuring short start-up and optimization times, together with a high level of availability and excellent start-up curves.

At Mpact in Felixton, South Africa, VariFlex achieved the maximum operating speed of 2,500 m/min two days after start-up. Thanks to the winder, the overall capacity of the paper machine is reliably mastered. Compared to conventional winders the processing capacity could be increased by 50%. At the Felixton location, Mpact produces various grades

of corrugated medium on the PM 3 in the basis weight range of 90–190 g/m².

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 transport & automotive. Founded in 1867, Voith employs more than 43,000 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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Page 2 of 2