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## Interesting results on online press-felt analysis

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The Koehler Kehl GmbH PM 2 is one of the fastest paper machines for wood-free coated paper worldwide, with an average speed of 1610 m/min.

With a basis weight range of between 36 g/m<sup>2</sup> and 50 g/m<sup>2</sup>, even the smallest defects in the paper web can lead to running problems. A high serviceability, trouble-free production, reliable downtime planning and service staff safety were the main focus of this project.

Increased security requirements and high competitive pressure in the paper industry lead to continuous investment by Koehler Paper Group. For this reason, in October 2016 Voith's online press felt analysis system "Felt View" was installed at the pick-up felt in the PM 2.

The "Felt View" is a fully automatic system which enables continuous online measurement of pick-up felt moisture content and web permeability in the PM 2 press section, without endangering life and limb. This measurement data provides relevant and reliable profile and trend information. "Felt View" supports the papermaker during routine operations and in optimising press section settings. The data provided enables a faster PM start-up following a pick-up felt change and enables precise felt conditioning subject to the current state of the press felt.

The "Felt View" measuring system offers traversing measurements of moisture content and permeability. It is made of stainless steel and perfectly designed for use under the extreme environmental conditions of the press section.

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