

Press Release

Voith Paper Holding GmbH & Co. KG
External & Internal Communications
St. Poeltener Straße 43
89522 Heidenheim, Germany
Tel. +49 7321 37-2060
Fax +49 7321 37-7008
www.voith.com

NipSense2: New system from Voith facilitates static real-time measurement in the roll nip

2014-11-19

With NipSense2, Voith has developed a new analytic system through which the invisible nip conditions of two rolls can be visualized and measured in real time. The system performs corrective calculations of the nip profile and thus contributes to a substantial improvement of the reliability and quality of the paper manufacturing process.

NipSense2 gives a clear view of the otherwise invisible contact point of two rolls. Through very precise sensors that are placed between two rolls, the nip width can be determined with a high degree of measurement accuracy. The sensors transmit data wirelessly to the analytical software. The closing process of the press rolls and every change in nip width becomes visible on the screen. The entire measurement process can be stored on video and later replayed. An expert report with crown recommendations completes the service.

NipSense2 is able to measure all roll types, regardless of roll length and diameter. The new measurement technology is able to measure several nips at the same time and so discover previously unknown interdependencies. The nip profile can be optimized by using NipSense2. Thanks to more uniform paper and moisture profiles, the profile optimizations lead to a longer service life of the roll covers and, thanks to reduced errors in the roll hydraulics, to a more efficient paper manufacturing process.

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 Paper Holding GmbH & Co. KG
External & Internal Communications
St. Poeltener Straße 43
89522 Heidenheim, Germany
Tel. +49 7321 37-2060
Fax +49 7321 37-7008
www.voith.com

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.

Page 2 of 2

Contact:

Simone Rampmaier
Head of External & Internal Communications
Tel. +49 7321 37-2060
Simone.Rampmaier@voith.com