

# Press Release

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## **Papierfabrik August Koehler SE: Voith is rebuilding press and dryer section**

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Paper manufacturer Papierfabrik August Koehler SE in Oberkirch, Germany, has chosen Voith to rebuild the press and dryer section of its PM 5. With the rebuild to ropeless threading in the pre- and after-dryer section, safety for the operators is decisively improved and shorter threading times are also achieved. The efficiency of the paper machine is thus increased.

Another aim of the rebuild is to increase runability through stabilizing the paper web in the dryer section. A stable, wrinkle-free web run without bothersome web fluttering is ensured due to a concept proven many times. TransferFoil, VentiStabilizers and S-Stabilizers are used for supported web run and ProRelease+ boxes are used for stable web release from the drying cylinder. The web stabilization achieved by this leads to a demonstrable reduction in edge cracks in the paper web and thus to fewer breaks. This smooths the way for higher operating speeds with a good degree of machine efficiency.

The ProRelease+ boxes are characterized by the contactless and at the same time energy-saving MultiSeal sealing system in the high vacuum zone. Another decisive advantage is that, due to their design, no cleaning devices are needed either on the ProRelease+ box or on the stabilization roll. Shutdowns for cleaning are therefore not required.

During the rebuild, partially corroded machine frame parts in the press section were replaced with new stainless steel parts. The basis for assessing the press frame was a corrosion audit carried out by Voith which evaluated and established either continued use or replacement of components. The rebuild of the PM 5 is thus a further step toward a

modern, efficient and safe paper machine and is the basis for future production increases.

The Koehler Group produces paper and wood pulp board at four locations in Germany. The company generates sales of 725 million euros, produces more than 500,000 metric tons of paper annually and employs around 1,700 workers.

Further information is available on the Voith website at [www.voith.com/paper](http://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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