

Media Release

Voith Paper

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Enstra Paper commissions Voith for new stock preparation line and comprehensive rebuild of PM 6 in Springs, South Africa

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- Objective to improve efficiency, runability and paper quality with cutting-edge machine technologies and concepts from Voith
- Voith to supply new BlueLine OCC stock preparation line and perform extensive rebuild measures on existing paper machine

JOHANNESBURG/HEIDENHEIM. Enstra Paper, member of the Corruseal Group and one of the largest producers of recycled containerboard grades in South Africa, has engaged Voith to rebuild its PM 6 for packaging paper in Springs, close to Johannesburg, in South Africa. Voith will supply a new BlueLine OCC stock preparation line to improve efficiency, runability and paper quality. The leading full-line supplier will also undertake substantial rebuild measures on the existing paper machine that was converted from newsprint to packaging papers in 2015.

“Enstra Paper’s new production line 6 will significantly improve our competitiveness, cost situation and product quality,” says Rajiv Mehta, Joint CEO at Corruseal Group. “The partnership with Voith is the next important investment step for the future of our company.”

“In Voith, we have found a partner committed to long-term collaboration that at the same time offers the most modern solutions in the sector,” confirms Nic Campher, Head of Paper at Enstra Paper. “We have been won over by Voith’s flexibility and its adherence to project budget and deadlines.”

Cutting-edge machine technology and concepts will lead to capacity increases for Enstra Paper. The start-up of the new facility is scheduled for early 2025.

“We are very much looking forward to working with Enstra Paper,” says Marcos Garcia de la Torre, Managing Director at Voith Paper Spain, whose experienced team of experts for rebuilds at Voith Paper in Tolosa will plan and execute the rebuild. “This order is further evidence of how we use our comprehensive expertise as a leading full-line supplier to help customers substantially improve the competitiveness of their existing process lines and take paper quality to a new level of sustainably and efficiently.”

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“We are extremely proud to carry out this challenging rebuild for Enstra Paper,” says Philip Schnellinger, Process Technology Manager at Voith Paper. “Enstra will benefit from fewer interfaces and from our innovative and proven solutions, as well as a production line that will be state-of-the-art and future ready.”

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Cutting-edge machine components and concepts

Thanks to the new BlueLine OCC stock preparation line, Enstra Paper will significantly improve the quality and efficiency of its recycled paper treatment. The company is setting standards for resource-conserving, energy-efficient and robust recycled paper processing with improved fiber yield thanks to the ultra-modern technological solutions from Voith's proven BlueLine family. Components will include the IntensaPulper, IntensaMaXX for pulper cleaning, IntensaScreenDrum for reject washing, InduraPro and InduraClean cleaners, and other products for screening and fractionation.

The existing PM 6 will be fitted with cutting-edge technologies to enable much more efficient and sustainable paper production. To optimize sheet formation, the forming section will be equipped with a DuoFormer D and Voith's proven DuoShake DG shaking unit. In the press section, a compact DuoCentri NipcoFlex shoe press will ensure optimal dewatering with reduced specific energy and production costs. The successful implementation of the project will deliver excellent results with regards to Corruseal Group's sustainability goals which are significant reductions in electricity, boiler fuel and freshwater consumption.

At Enstra Paper, further modifications in the dryer section will ultimately lead to improved runability and energy efficiency as well as better paper quality. These upgrades will include a new coating for the drying cylinders, the effective dryer fabric cleaning system CleanLine Extract 4D, a non-contact web drying system downstream of the starch applicator and Voith's solutions for web stabilization, ropeless tail threading and ModulePro moisturizer for optimum CD moisture profiles.

About Enstra Paper

With over 60 hectares of manufacturing space, Enstra Paper is not only in a favorable strategic location in South Africa close to the largest recovered paper supply but is also situated in the biggest market for recycled paper. Enstra Paper is fully integrated with one of the largest converters of paper into corrugated boxes with a national footprint. These factors make Enstra a leading producer of recycled paper grades in the country. With three exceptionally efficient paper mills on site, Enstra is ideally positioned to serve the growing consumer market.

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About the Voith Group

The Voith Group is a global technology company. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the markets of energy, paper, raw materials and transport & automotive. Founded in 1867, Voith today has around 21,000 employees and earns 4.9 billion euros in sales. It has locations in more than 60 countries and is one of Europe's major family-owned companies.

The Group Division Voith Paper is part of the Voith Group. As the full-line supplier to the paper industry, it provides the largest range of technologies, services and products on the market, and offers paper manufacturers integrated solutions from a single source. The company's continuous stream of innovations facilitates resource-conserving production and helps customers minimize their carbon footprint. With its comprehensive automation products and leading digitalization solutions from the Papermaking 4.0 portfolio, Voith offers its customers state-of-the-art digital technologies to improve plant availability and efficiency for all sections of the production process.



Enstra Paper engages Voith to supply a BlueLine OCC stock preparation line and perform a comprehensive rebuild on its PM 6 for packaging papers in Springs, close to Johannesburg, South Africa.

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