

Media Release

Voith Paper

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ITC commissions Voith with rebuild of specialty paper machine PM 1 in Chandrahati near Kolkata

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- State-of-the-art production line for premium décor paper
- Lower operating costs due to reduced fiber, filler, energy and water consumption
- Best product quality with excellent printability and high opacity as well as fast and reliable grade and color changes

KOLKATA/HEIDENHEIM. India's largest paper manufacturer ITC Limited PSPD has commissioned Voith to rebuild PM 1, including stock preparation, at its Chandrahati site, about 60 kilometers north of Kolkata. With the rebuilt décor paper machine, the company will increase its production capacity for high-quality décor paper with basis weights of 40 - 90 gsm and thus further expand its market leadership.

"In the Chandrahati PM 1 rebuild project, ITC is drawing on Voith's unique expertise and reliability to further expand its market leadership in high-quality specialty papers," affirms Vadiraj Kulkarni, Divisional Chief Executive at ITC. "With state-of-the-art technology and latest equipment from Voith, we will produce world-class décor paper."

ITC has more than 50 years of experience in producing a wide range of paper grades. Voith has already completed a number of projects for ITC. Among others, the full-line supplier delivered the PM 4 in 2017, with which the Indian company has been successfully producing décor paper since startup. The decisive factor for awarding the contract was Voith's many years of extensive experience in the areas of process technology, design, installation and service. In addition, with its offices in Kolkata and Faridabad, Voith has proven experts on the ground in India and can thus work quickly and efficiently with ITC to develop optimal solutions.

"We are proud of the opportunity to supply our efficient and sustainable papermaking solutions to ITC from a single source," says R. Krishna Kumar, President of Voith Paper, India Region. "With this order, the Indian paper industry has once again put its trust in Voith Paper to provide optimized technological solutions for its customers."

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Production lines for décor paper have to meet special requirements. For example, excellent print quality and very high opacity must be ensured, which is why up to 40 percent high-quality filler is used in the production process. The PM 1 will be equipped with the Voith IntensaPulper concept in stock preparation and the advanced wet end process with Voith's HydroMix, ComMix and latest BlueLine products such as IntegraGuard screens. In addition, the system is designed for efficient use of short fibers and minimization of filler losses.

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Voith's MasterJet Pro headbox, equipped with ModuleJet technology for cross-profile control, has been optimized for the production of décor paper and ensures best formation results, excellent basis weight profile and optimum fiber orientation. In addition, MasterJet Pro meets all requirements for frequent color and grade changes and provides optimum accessibility for cleaning purposes. The wire section is equipped with the reliable high-performance shaking unit DuoShake DG. Beneficial for high runability is the high dryness of the paper web at the first free draw thanks to the new state-of-the-art press section.

At the end of the dryer section there is a high-temperature drying group for curing of the wet strength agent, followed by two high-performance cooling cylinders for web cooling. ModulePro and ModuleCal system together EcoSoft calender will help achieve the desired smoothness and are designed to meet the requirements of décor paper.

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, the company today has around 20,000 employees, sales of € 4.3 billion and locations in over 60 countries worldwide and is thus one of the larger family-owned companies in Europe.

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

holistic 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 leading automation products and 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.

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ITC and Voith Paper contract signing ceremony for new décor paper machine Chandrahathi PM1 in West Bengal, India.

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