



PRESS RELEASE

ANDRITZ receives order from UPM to rebuild paper machine in Dörpen

GRAZ, JUNE 6, 2018. International technology Group ANDRITZ has received an order from UPM Nordland Papier, Germany, to rebuild paper machine #2 (PM2) in Dörpen, Germany, to produce release/glassine papers. With the rebuild of PM2, the UPM group will increase the capacity of release paper production by an additional 110,000 t/a. Start-up after the rebuild is scheduled for the final quarter of 2019.

The complex rebuild with demanding technological requirements, not only for the equipment but also for the process and product quality, was prepared in close cooperation between UPM and ANDRITZ. Apart from the rebuild of PM2, the ANDRITZ scope of supply also includes modification of the stock preparation system, approach flow and broke system.

The modification of the stock preparation system includes ModuScreen CP police screens for the short and long fiber lines and two refiners TwinFlo TF-S34 for the long fiber line. For the approach flow system, ANDRITZ will deliver a new Short Flow deaeration silo including vacuum system, new headbox screens ModuScreen HBE for the HC and LC lines, and fan pumps. In addition to these items, a two-stage broke screening system with ModuScreen F, a thickening drum PRS2060, and a deflaker DFL3 are included in the scope of supply. For broke conversion, ANDRITZ will deliver an HC pulper FibreSolve FSH6 and an additional deflaker DFL3.

All sections of the paper machine will be modified. One of the key components is the ANDRITZ *PrimeFlow* SW dilution water headbox. The *PrimeForm* and *PrimeForm* HB hybrid formers include new dewatering elements that are considered to provide maximum flexibility for dewatering and also improve sheet formation.

The key component in the press section is a new *PrimePress* X shoe press with a *PrimeSteam* VIB steam blow-box for profiling in order to achieve the required dryness. The first dryer group will be rebuilt as a single tier with new *PrimeRun* Jet and *PrimeRun* D stabilizer boxes. Ropeless tail threading will be added to the pre-dryer and after-dryer sections.

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Between the dryer sections, a new *PrimeFilm* film press will be installed including contactless, high-intensity drying. Furthermore, the after-dryer section will be equipped with a new PM hood and a new dry broke pulper. At the end of PM2, a complete new re-moisturizing system – *PrimeSpray* VIB – for both paper sides is included in the scope of supply. Finally, the moisturized paper will be wound using a complete new *PrimeReel* CenterDrive reeling system.

The entire field instrumentation wiring and piping are also part of the delivery. Furthermore, the scope of supply includes the complete detailed engineering, full equipment installation, start-up, commissioning, and training for all the equipment.

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PRESS RELEASE AVAILABLE FOR DOWNLOAD

This press release is available for download at andritz.com/news.

FOR FURTHER INFORMATION, PLEASE CONTACT

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ANDRITZ GROUP

ANDRITZ is a globally leading supplier of plants, equipment, and services for hydropower stations, the pulp and paper industry, the metal working and steel industries, and for solid/liquid separation in the municipal and industrial segments. Other important fields of business are animal feed and biomass pelleting, as well as automation, where ANDRITZ offers a wide range of innovative products and services in the IIoT (Industrial Internet of Things) sector under the brand name of Metris. In addition, the international technology Group is active in power generation (steam boiler plants, biomass power plants, recovery boilers, and gasification plants) and environmental technology (flue gas cleaning plants) and offers equipment for the production of nonwovens, dissolving pulp, and panelboard, as well as recycling plants.

A passion for innovative technology, absolute customer focus, reliability, and integrity are the central values to which ANDRITZ commits. The listed Group is headquartered in Graz, Austria. With over 160 years of experience, 25,800 employees, and more than 250 locations in over 40 countries worldwide, ANDRITZ is a reliable and competent partner and helps its customers to achieve their corporate and sustainability goals.

ANDRITZ PULP & PAPER

ANDRITZ Pulp & Paper is a leading global supplier of complete plants, systems, equipment, and comprehensive services for the production and processing of all types of pulp, paper, board, and tissue. The technologies cover processing of logs, annual fibers, and waste paper; production of chemical pulp, mechanical pulp, and recycled fibers; recovery and reuse of chemicals; preparation of paper machine furnish; production of paper, board, and tissue; sizing, calendering and coating of paper; as well as treatment of reject materials and sludge. The service offering includes system and machine modernization, rebuilds, spare and wear parts, on-site and workshop services, optimization of process performance, maintenance and automation solutions, as well as machine relocation and second-hand equipment. Biomass, steam and recovery boilers for power production, gasification and flue gas cleaning plants, systems and plants for the production of nonwovens, dissolving pulp, and panelboard (MDF), as well as recycling and shredding solutions for various waste materials also form a part of this business area.



ABOUT UPM SPECIALTY PAPERS

UPM Specialty Papers produces labelling and packaging materials to global markets and fine papers to Asian markets. Its main customers are paper converters, distributors, retailers and printers. UPM Specialty Papers is a leader in sustainable development in the industry. Its high performance papers are produced in Finland and China. UPM Specialty Papers employs approximately 1,700 people in Finland, China, the United States, Japan, South Korea, Singapore and Australia.

www.upmspecialtypapers.com

ABOUT UPM

UPM leads the forest-based bioindustry into a sustainable, innovation-driven and exciting future across six business areas: UPM Biorefining, UPM Energy, UPM Raflatac, UPM Specialty Papers, UPM Communication Papers and UPM Plywood. UPM provides sustainable and safe solutions to the growing global consumer demand. Products are made of renewable and recyclable materials. The group employs around 19,100 people worldwide and its annual sales are approximately EUR 10 billion. UPM shares are listed on NASDAQ OMX Helsinki. UPM – The Biofore Company –

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