



PRESS RELEASE

ANDRITZ to supply upgrade to the world's largest BCTMP system for P&W grades at Shandong Huatai Paper, China

GRAZ, JULY 19, 2021. International technology Group ANDRITZ has received an order from Shandong Huatai Paper Industry Shareholding to upgrade an existing BCTMP (bleached chemi-thermo-mechanical pulp) plant to become the world's largest mechanical pulping line for P&W (Printing & Writing) paper production at the mill in Dongying, Shandong province, China. Start-up is scheduled for the fourth quarter of 2022.

The existing BCTMP line will be upgraded and rebuilt to become a state-of-the-art P-RC APMP- (Pre-Conditioning Refiner Chemical Alkaline Peroxide Mechanical Pulp) system. The fiberline's production capacity for mechanical pulp to make P&W paper grades will thus be increased from 100,000 to at least 300,000 admt/a, making it the largest in the world.

ANDRITZ will rebuild two existing high-consistency (HC) refiners as well as the existing screw presses, disc filters and screens, and supply new equipment for all other process steps. The upgrade project features the following technological highlights:

- New MSD Impressafiner with the latest IIoT features for optimum wood chip maceration and chemical impregnation
- New Side-Entry Plug Feeder (SEPF) feeding system for constant and efficient HC refiner feeding
- Rebuild of the existing HC refiners, including the Hydraulic Commander, to enable fully autonomous monitoring and control
- New DCS system as a future-oriented control system for the new fiberline

The upgraded mechanical pulping line will process a mixture of eucalyptus, poplar and acacia wood chips. The scope of supply also includes the basic engineering as well as the supervision of mechanical installation, commissioning and start-up.





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Wang Hairong, Project Director of Shandong Huatai Paper Industry Shareholding says: “ANDRITZ offered a very convincing overall concept to boost our fiber quality and production capacity. With the new line we will also gain high flexibility in production – this exactly meets our needs.”

Shandong Huatai Paper Industry Shareholding is part of the Huatai Group, a company listed on the Shanghai Stock Exchange and an important global player in the paper and chemicals production sectors. The group is the world's largest producer of newsprint and the largest producer in the chlorine-alkali industry in China. Besides this, the group makes all sorts of P&W paper, tissue and specialty paper grades. The Huatai Group produces three million tons of paper and board as well as two million tons of chemicals per year

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ENGINEERED SUCCESS

ANDRITZ MSD Impressafiner for optimum chip pretreatment prior to HC refining

PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD

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FOR FURTHER INFORMATION, PLEASE CONTACT

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ANDRITZ GROUP

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems and services for the pulp and paper industry, the hydropower sector, the metals processing and forming industry, pumps, solid/liquid separation in the municipal and industrial sectors, as well as animal feed and biomass pelleting. Plants for power generation, flue gas cleaning, recycling, and the production of nonwovens and panelboard complete the global product and service offering. Innovative products and services in the industrial digitalization sector are offered under the brand name Metris and help customers to make their plants more user-friendly, efficient and profitable. The publicly listed group has around 26,950 employees and more than 280 locations in over 40 countries.

ANDRITZ PULP & PAPER

ANDRITZ Pulp & Paper provides equipment, systems, complete plants and services for the production of all types of pulp, paper, board and tissue. The technologies and services focus on maximum utilization of raw materials, increased production efficiency and sustainability as well as lower overall operating costs. Boilers for power generation, flue gas cleaning systems, plants for the production of nonwovens and panelboard (MDF), as well as recycling and shredding solutions for various waste materials also form a part of this business area. State-of-the-art IIoT technologies as part of Metris digitalization solutions complete the comprehensive product offering.