



## PRESS RELEASE

# Rebuild by ANDRITZ gives Shandong Huatai Paper the world's largest mechanical pulping line while saving energy and resources

**GRAZ, DECEMBER 18, 2023.** Shandong Huatai Paper has successfully started up a mechanical pulping line rebuilt by ANDRITZ at the mill in Dongying, Shandong Province, China. The rebuild not only increased the line's capacity from 100,000 t/a to 300,000 t/a, making it the world's largest mechanical pulping line for printing and writing paper production. It also considerably reduced the line's energy consumption and increased its pulp yield and quality.

Wei Lijun, Director of Shandong Huatai Paper, says: *"Thanks to the close cooperation between the teams of ANDRITZ and Shandong Huatai, we were able to start up the rebuilt line as scheduled. We are delighted about the massive increase in capacity as well as the additional benefits of the modernization. Energy consumption has dropped by about 15% and pulp quality has greatly improved. The amount of fiber shives has also gone down significantly. As a result, we are able to cut back on imported chemi-mechanical pulp in our raw material structure, which lowers costs and supports our environmental performance."*

ANDRITZ rebuilt the two high-consistency (HC) refiners and the screw presses, disc filters, and screens, and supplied new equipment for other process steps. The line now features the following technological highlights:

- New *PrimeMSD* Impressafiner for optimum wood chip maceration and chemical impregnation
- New Side-Entry Plug Feeder (SEPF) feeding system for constant and efficient HC refiner feeding
- New DCS system as a future-oriented control system for the new fiberline
- ANDRITZ Hydraulic Commander to improve the HC refiners' operability and supply top quality fiber with lower energy consumption

ANDRITZ also provided the basic engineering and supervised the mechanical installation, commissioning, and start-up.

Shandong Huatai Paper Industry Shareholding is part of the listed Huatai Group, an important global player in the paper and chemical production sectors. The group is the world's largest producer of newsprint and China's largest producer in the chlor-alkali industry. In addition, 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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Successful start-up of the world's largest mechanical pulping line for P&W grades at Shandong Huatai Paper, China

[>> Watch video >>](#)

#### **PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD**

The press release and photo are available for download at [andritz.com/news](http://andritz.com/news). The photo may be published free of charge if the source is stated: "Photo: ANDRITZ".

#### **FOR FURTHER INFORMATION, PLEASE CONTACT**

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## **ANDRITZ GROUP**

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems, services and digital solutions for a wide range of industries and end markets. Sustainability is an integral part of the company's business strategy and corporate culture. With its extensive portfolio of sustainable products and solutions, ANDRITZ aims to make the greatest possible contribution to a sustainable future and help its customers achieve their sustainability goals. ANDRITZ is a global market leader in all four of its business areas – Pulp & Paper, Metals, Hydro and Separation. Technological leadership and global presence are cornerstones of the group's strategy, which is focused on long-term profitable growth. The publicly listed group has around 30,000 employees and over 280 locations in more than 40 countries.

## **ANDRITZ PULP & PAPER**

ANDRITZ Pulp & Paper provides sustainable technology, automation, and service solutions for the production of all types of pulp, paper, board and tissue. The technologies and services focus on increased production efficiency, lower overall operating costs as well as innovative decarbonization strategies and autonomous plant operation.

The product portfolio also includes boilers for power generation, flue gas cleaning systems, various nonwoven technologies, and panelboard (MDF) production systems. With waste-to-value recycling, shredding and energy solutions, waste and by-product streams from production are converted into valuable secondary raw materials as well as into sustainable resources for energy generation. State-of-the-art IIoT technologies as part of Metris digitalization solutions complete the comprehensive product offering.