



PRESS RELEASE

ANDRITZ to supply production technology and key process equipment to Nanning Sun Paper, China

GRAZ, JULY 1, 2022. International technology group ANDRITZ has received an order from Nanning Sun Paper to deliver state-of-the-art and highly efficient pulp production technologies for the fiberline and lime kiln plant as well as energy-saving OCC lines and a complete reject treatment system for RDF (refuse-derived fuel) production at its pulp and paper mill in the city of Nanning, Guangxi Province, China. Start-up is planned for mid-2023.

The ANDRITZ scope of supply is on full EPS (engineering, procurement, supervision) basis and includes:

- China's largest **high-kappa fiberline** with a capacity of 1,600 adt/d. The hardwood line includes a TurboFeed chip feeding system, Lo-Solids continuous cooking, blow line refiners, screen room, LC refiners and highly efficient washing with a multi-stage DD-Washer drum displacer washer, a COMPACT PRESS wash press, and a GF-Filter advanced vacuum drum filter washer. ANDRITZ's fiberline technology ensures highest operating time and maximum washing efficiency as well as reductions in fresh water, chemicals and energy consumption, thus minimizing environmental impact.
- Energy-efficient **lime kiln plant** with a capacity of 450 t/d burnt lime, including a LimeDry lime mud washing and dewatering filter, a LimeKiln feeding system, a LimeKiln shell, riding rings, roller sets and driving mechanism, as well as a LimeCool and a LimeFire burner. Efficient lime mud washing with a LimeDry filter provides high-quality lime mud to minimize lime kiln emissions. ANDRITZ's proven lime kiln technology and worldwide project references ensure optimized energy consumption and high availability of lime kiln operations.
- Two complete **OCC lines**, as well as approach flow and broke systems. The new stock preparation lines will feature a capacity of 1,550 and 1,400 t/d, respectively, and process LOCC for production of high-quality liner board. The delivery includes a *PrimeSolve* LC pulping system with advanced set-up and the latest detrasher rotor design for highly efficient reject removal and excellent slushing performance. In addition, the scope of supply contains *PrimeScreen* X screens with state-of-the-art rotor design, enabling high screening efficiency, low power consumption and superior stock quality with low fiber loss. The ANDRITZ Ultra-High Dispersing technology allows a remarkably high dispersing consistency for greater dirt and sticky fragmentation, enhanced fiber strength, and steam savings of up to 30%.





- **ADuro reject treatment system** processing 210 t/d of coarse rejects and 75 t/d of pulper rags from the new OCC lines for production of RDF as a high-quality substitute fuel fraction. The system comprises ReCo Reject Compactors for optimum dewatering of coarse rejects, ADuro shredders for efficient shredding of rejects and pulper rags, and metal separators to extract the valuable steel fraction.

With this order, ANDRITZ once again demonstrates its strong global position as a supplier of state-of-the-art paper technology focusing on environmentally friendly production. The high-kappa fiberline, lime kiln plant and reject treatment system are repeat orders from Sun Paper.

The Sun Paper Group launched Nanning Sun Paper Co., Ltd., in February 2022. Sun Paper will invest around 20 billion RMB in construction of the Forest Pulp Paper Integration and Supporting Industrial Park Project, with an annual output of 5.25 million tons.

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ANDRITZ offers innovative technologies and services for pulp, paper and board producers that enable resource savings and reduce environmental impact.

PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD

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FOR FURTHER INFORMATION, PLEASE CONTACT

Dr. Michael Buchbauer
Head of Corporate Communications
michael.buchbauer@andritz.com
andritz.com

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. ANDRITZ is a global market leader in all four of its business areas – Pulp & Paper, Metals, Hydro, and Separation. Technological leadership, global presence and sustainability are the cornerstones of the group's strategy, which is focused on long-term profitable growth. The publicly listed group has around 27,100 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 maximum utilization of raw materials, increased production efficiency, lower overall operating costs as well as innovative decarbonization strategies and autonomous plant operation. Boilers for power generation, flue gas cleaning systems, various nonwoven technologies, panelboard (MDF) production systems, as well as recycling and shredding solutions for numerous 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.