



PRESS RELEASE

ANDRITZ to convert paper machine from newsprint to packaging paper production for Volga Pulp and Paper Mill, Russia

GRAZ, SEPTEMBER 21, 2021. International technology Group ANDRITZ has received an order from Volga Pulp and Paper Mill in Balakhna, Nizhnij Novgorod Region, Russia, to supply a new OCC line as well as to convert its PM 6, a newsprint paper machine, to a packaging paper machine. Start-up is scheduled for the spring of 2023.

After the conversion, PM 6 will produce packaging paper from a unique mix of OCC and TMP fibers – a groundbreaking raw material composition for the production of packaging paper. Volga Pulp and Paper Mill is currently producing packaging paper from 100% TMP fibers and has now opted for this innovative solution to save resources. The rebuilt PM 6 will have an annual production capacity of 140,000 tons and a design speed of up to 720 m/min, producing lightweight fluting and testliner in the range of 65–120 gsm. The rebuild includes the paper machine approach flow system, the forming, press and dryer sections, including the steam and condensate system, a new *PrimeFilm* film press, some of the paper machine drives, as well as the complete tail threading system and the slitter rewinder.

The new OCC line will process local OCC (Old Corrugated Containers) and feature a capacity of 400 bdmt/d. ANDRITZ will supply all of the main equipment, from bale receiving to the dump chest, including a FibreFlow Drum pulper (type FFD350EE), which is a complete pulping system in one unit. The new drum pulper will ensure superior accept quality thanks to the gentle pulping concept and efficient removal of coarse contaminants with minimum fiber loss. Furthermore, the drum pulping technology is a perfect match for the upcoming changes in raw material and for furnish with increasing reject content. The OCC line will be delivered with an extended scope, including fractionation, screening, cleaning, and pumps as well as automation and electrification equipment with a DCS from ANDRITZ.

The ANDRITZ scope includes supervision of the mechanical installation work, commissioning, and start-up assistance.





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In 2020, Volga Pulp and Paper Mill successfully started up a new TMP line supplied by ANDRITZ. This repeat order further strengthens the fruitful long-term relationship between the two companies. CEO of Volga Pulp and Paper Mill Sergey Pondar says: *"The smooth start-up of our TMP line one year ago convinced us that ANDRITZ would once again be the right partner for us. The conversion of PM 6 will be an even more ambitious project, especially in view of the tight time frame."*

JSC Volga is one of the largest Russian newsprint producers and mainly uses 100% TMP as furnish. The company is also one of the top 200 exporting companies in Russia, ranking among the top 50 companies in the Russian forestry industry and the top 100 companies in the Nizhnij Novgorod region.

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ANDRITZ FibreFlow Drum pulper



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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 26,700 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.