



PRESS RELEASE

ANDRITZ starts up successfully rebuilt kraftliner paper machine at Cartiera Giacosa S.p.A., Italy, and receives follow-up order

GRAZ, MARCH 22, 2022. International technology group ANDRITZ has successfully started up the rebuilt PM2 kraftliner paper machine for Cartiera Giacosa S.p.A. at their mill in Front Canavese, Italy, and has received a follow-up order to further improve its performance.

The PM2 has a design speed of 400 m/min and a working width of 3 m. It produces kraftliner in the range of 170 to 225 gsm for laminated sheets used in furniture applications.

The first rebuild was aimed at reducing the specific energy consumption in the press and drying sections to obtain a smaller CO₂ footprint. Due to the replacement of the 2nd and 3rd press with a new long-nip press, the dryness content has been increased by 2.5% and the length of the press section has been reduced substantially. The press is equipped with roll covers and paper machine clothing supplied by ANDRITZ Fabrics and Rolls, offering superior properties.

The space saved was used for two additional new dryers of the type *PrimeDry* Steel providing important steam and specific energy savings of up to 12% as well as cost-efficient production.

Marco Roscio, CEO of Cartiera Giacosa, says: *"Thanks to this successful rebuild we can now produce our kraftliner more efficiently and more sustainably. We recognized that our PM2 offers further potential for improvement, especially in terms of better quality and better profiles – so no wonder that we partnered again with ANDRITZ."*

The follow-up order – for the rebuild of the wire section – includes a new *PrimeScreen* X for the approach flow system with fan pumps as well as a new *PrimeFlow* AT headbox with the latest state-of-the-art dilution water CD profiling for better high-end product quality. This type of headbox was specifically developed to maximize the paper formation with controlled turbulence, using the "Accelerating Tubes" concept. A new mechanical drive for the entire PM2 will improve the machine's overall efficiency and the consistency of the paper quality.

Cartiera Giacosa was established in 1961 and specializes in the production of decorative paper and kraft paper for laminated plastic, mainly used in furniture.

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PrimeFlow AT (Accelerating Tube) headbox at the ANDRITZ workshop in Graz, Austria

PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD

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

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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. 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 26,800 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.