



SHEET DRYING PILOT PLANT

Trials and optimization without scale-up

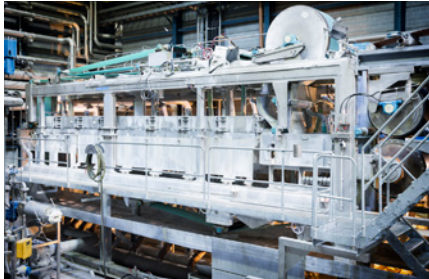
The sheet-drying pilot plant at ANDRITZ in Graz, Austria, gives customers the opportunity to run trials under realistic production conditions with their own materials, including market, dissolving, and fluff pulps, as well as other types of fiber furnishes (such as cotton and recycled fibers), and to evaluate sheet strength and

dewatering performance. The pilot plant is primarily based on twin wire former technology, which offers some of the highest specific throughputs available, and can also be adapted to Fourdrinier and twin wire press concepts. This flexibility allows us to evaluate different process concepts and identify the most suitable solu-

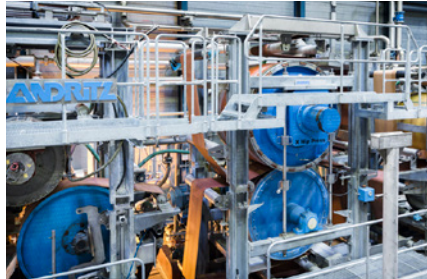
tion for each application. In addition, the plant is used for the research and development of new equipment, as well as the optimization of existing components. Our long-term experience with a wide range of materials and process setups enables us to optimize process performance and meet customer needs.

ANDRITZ

Extensive research for our customers



Wire section



Press section



In operation

MAIN CHARACTERISTICS

Working width:	350 mm
Wire width:	550 mm
Design speed:	450 m/min
Basis weight range:	500–1,500 g/m ²

KEY COMPONENTS

- Hydraulic headbox
- Wedge zone
- Wire extraction unit
- Felted lumpbreaker
- Combi press section
- Two shoe presses

LABORATORY TESTING CAPABILITIES

- Freeness
- Water retention value
- Fiber morphology
- Viscosity, Kappa number
- Limiting dryness: ANDRITZ method

PULP LABORATORY AND TESTING FACILITIES

The in-house laboratory enables comprehensive testing of pulp properties, including limiting dryness, dewatering characteristics, sheet strength, and fiber characteristics. Supported by ANDRITZ's extensive expertise, our specialists measure and analyze a wide range

of parameters to help customers optimize process efficiency and product performance.

PULP DRYING TECHNOLOGY

ANDRITZ is a global leader in engineering and delivering all the key components for modern pulp drying lines – plus continuous services to keep the equipment operating with

high efficiency and performance.

With extensive knowledge of each component and proven experience to integrate them into complete production lines, ANDRITZ offers unparalleled capabilities for any pulp producer – mechanical, kraft, or recycled.

AUSTRIA

ANDRITZ AG
Stattegger Straße 18
8045 Graz, Austria
p: +43 316 6902-0

ANDRITZ.COM

pulpdryinglines@andritz.com

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For more information about our sheet drying pilot plant, view the video on your smartphone.

Scan this QR-Code!

