



CUSTOM-TAILORED RESEARCH

Sheet drying and flash drying pilot plants

At ANDRITZ, we provide customers with unique opportunities to test, develop, and optimize drying solutions through our advanced pilot facilities in Graz, Austria, and Växjö, Sweden. These state-of-the-art pilot plants support customer trials, research and development, equip-

ment optimization, and operator training across a wide range of pulp, fiber, and biomass applications.

SHEET DRYING PILOT PLANT GRAZ, AUSTRIA

The ANDRITZ sheet drying pilot plant in Graz enables customers to con-

duct trials with market, dissolving, and fluff pulps, as well as other types of fiber furnishes (such as cotton and recycled fibers) under realistic production conditions. Based on proven twin wire former technology, which offers some of the highest specific throughputs available, the

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pilot plant can also be adapted to Fourdrinier and twin wire press concepts to evaluate the most suitable process concepts for each application.

In addition to customer testing, the facility serves as an important platform for the development of new technologies and the optimization of existing equipment.

A dedicated in-house pulp laboratory complements the pilot plant by providing comprehensive testing of pulp properties, including limiting dryness, dewatering characteristics, sheet strength, and fiber characteristics. Detailed analysis and expert support ensure reliable results and valuable process insights.

FLASH DRYING PILOT FACILITY VÄXJÖ, SWEDEN

The recently renovated and relocated flash drying pilot facility in Växjö expands ANDRITZ's capabilities in advanced drying technologies for fibers and particulate materials.

The facility features two specialized pilot units: A closed-loop dryer with bag filter separation and condenser technology, and a pulp and fiber

flash dryer equipped with a fluffer and cyclone separator.

Designed for customer trials, training, and innovation projects, the facility supports testing with a broad range of materials, including textile fibers, lignin, specialty fibers, biomass, new fiber sources, and other particulate products.

The closed-loop dryer has already been successfully utilized for lignin drying trials, while the flash dryer enables both short-term and extended customer campaigns under controlled operating conditions. The facility is open for trials with virtually all fiber and particulate materi-

als, providing a flexible environment for developing and validating future drying solutions.

YOUR PARTNER FOR COMPLETE PULP DRYING SOLUTIONS

Backed by decades of experience with different raw materials and process configurations, ANDRITZ experts help customers identify the best solutions to maximize product quality and operational performance. From laboratory testing and pilot trials to full-scale industrial installations, ANDRITZ helps customers reduce risk, accelerate innovation, and achieve optimal drying performance through proven technology and expert support.



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