



NONWOVEN AND TEXTILE

# TEST WITH THE EXPERTS IN CALENDERING

FOR YEARS TO COME

**ANDRITZ**

ENGINEERED SUCCESS



# Break new ground

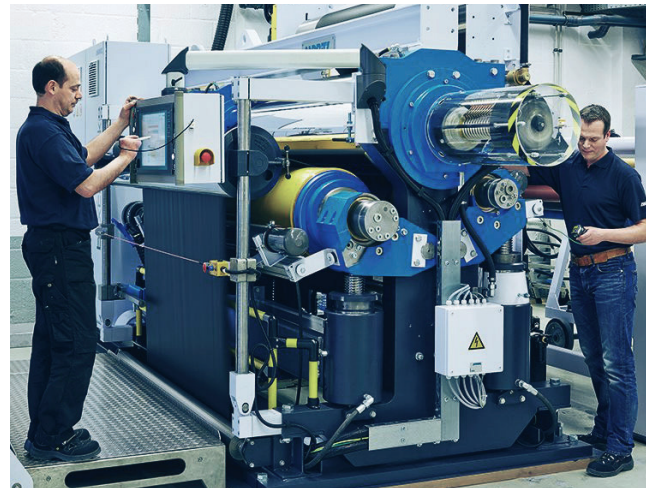
**Create innovations in calendering:** Continuous research and development targeting your needs in an ever more demanding market. Create innovations and experience new products at our technical center in Krefeld, Germany. Our skilled process and product experts are happy to provide the necessary support.

## FIRST TEST, THEN INVEST

Conduct trials in our technical center before making an investment. We offer you the opportunity to test process and product parameters on our various nonwoven and textile calenders or even create completely new products. This will help you to get the most out of your investment.

## OPTIMIZE PROCESSES AND PRODUCTS

Being dedicated to high quality and innovative production technologies propels us to seek ideal solutions – perfectly suited to our customers' needs. We analyse your processes and products together with you and develop their potential for optimization.



State-of-the-art textile calender



Various engraving shells

## EXPERIENCE NEW PRODUCTS

Test your new developments on our state-of-the-art wetlaid line. It is the perfect opportunity to experience new products that will enable you to access different markets.

## BENEFIT FROM COMPREHENSIVE TRAINING

Seize the opportunity to join our product and process training sessions. Our experienced staff provide the best and unique know-how drawn from our installed base and continuous R&D. Learn how fibers become fabrics, develop your own products, and find out the latest news on calendering processes.

# Conduct trials

Take advantage of the almost unlimited possibilities offered by our technical center to conduct trials, analyze material or develop completely new products.

## WIDE RANGE OF APPLICATIONS

We are well-equipped to handle many fields of application. Be it embossing for wipes, calibration for melt-blown material, laminating of roofing material or filters, thermobonding, perforating of top-sheets, compacting of wetlaid fabrics, comparisons between thermal and ultrasonic laminating, or textile finishing, our technical center includes several calenders and test equipment to suit your needs perfectly.

In addition, our top-performance 3D microscope allows an in-depth view inside your product and offers several measurement options.

## PROCEDURE FOR TRIALS

In order to ensure successful trials, both parties will agree on the procedure for conducting trials using your material. The tests will be supported by our experienced process and product specialists, who work with great care and accuracy.

## COMPREHENSIVE AND TRANSPARENT REPORTING

All trial and evaluation results are well documented in a comprehensive report that includes information on the trial procedure, parameters defined, measurement results, and 3D microscopic analysis. Please note that all test and evaluation data provided as well as the test instructions, machinery and procedure are kept strictly confidential.

## INSTALLATIONS AND OPTIONS

- Two three-roll pilot calenders
- One two-roll pilot calender
- One ultrasonic pilot calender
- One three-roll calender with two independent, deflection-controlled roll systems
- More than 200 engraving rolls and shells
- Various sleeves e.g. polyamid, composite, cotton, and silicone with a hardness range of Shore A-D
- Air-permeability measurement
- 3D microscope
- Spunjet equipment at ANDRITZ Perfojet, France

## ANDRITZ INSTALLATIONS AT TEST INSTITUTES

- CETI, Tourcoing, France
- Nonwovens Institute, NC, USA
- STFI, Chemnitz, Germany

## YOUR BENEFITS

- Latest technology developments
- Process and product experts
- Integrated laboratory to test fabrics
- In-depth view inside your product with a 3D microscopic analysis
- Test before you invest



## GET THE MOST OUT OF YOUR INVESTMENT

At ANDRITZ Nonwoven, we know that your business depends on satisfied customers and efficient processes. That's why we support you in every aspect of your nonwoven production. Take advantage of technology that lets you produce consistent quality for decades to come. Profit from the highly efficient use of energy and raw materials that our production provides. You can rely on our responsive service teams who will protect your investment and optimize your processes. Experience how innovative approaches and digital services give you more control than ever before. With ANDRITZ, the leading supplier for the nonwovens market, you get the most out of your investment.

## OUR TECHNICAL CENTERS

### **CALENDERS**

ANDRITZ Küsters GmbH  
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### **NEEDLEPUNCH**

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### **WETLAID/WETLACE**

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**ANDRITZ.COM/NONWOVEN**



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