

## Responsive service

Life-cycle support to ensure top performance



## Technical support and service

# Long-term protection of your competitive edge

There are two cores to ANDRITZ's nonwoven business: providing the best **technology** for the manufacturing of nonwovens, and delivering life-cycle **service support** to ensure the top performance of this technology.

The goal of our service is to ensure that you maintain a fast, profitable, and sustained return on your investment through a partnership with us that provides you value long after the warranty period has expired.

To this end, we concentrate on the actions you need to maintain your competitive edge:

- Answers to technical questions
- Assistance with installation, operation, and maintenance
- Preventive maintenance through regular online diagnosis and service recommendations
- Quick response when there is a problem
- A complete stock of genuine spare parts
- Suggestions for upgrades or modernizations to improve your production

With our engineering depth and process knowledge, we can be your one-stop resource and partner.



Spare parts
Original and genuine

Original ANDRITZ spare and wear parts guarantee a long life and high productivity of your equipment. To keep your nonwovens equipment at peak performance, we recommend you use only genuine ANDRITZ parts. All strategic parts are tested before shipment to ensure top performance of your line.



Roll technology
Original spare rolls and roll repairs

Roll technology has been our core competence for decades. To avoid extensive production downtime, we recommend that you keep a full set of original spare rolls in store. In this way, you are prepared for emergency situations without loss of revenue. Our rolls specialists have comprehensive knowledge to assist you with the selection of original spare rolls. They also have the expertise and specialized tools to recondition and repair damaged rolls.



**Upgrades and modernizations** Enhanced return on investment

Demands on modern production processes are increasing daily. Innovative technologies optimize the processes and add value. Deep technical skills enable us to offer advanced upgrade and modernization solutions for nonwoven lines and systems. Retrofits and small upgrades are a valuable option to extend the productive life of your existing line, or for producing innovative, higher margin nonwoven fabrics.



On-site support
Unique know-how

Our highly trained field and service engineers are qualified to provide best service at your own site. Our staff provide the best know-how based upon our installed base and continuous R&D. Our scope of services comprises erection and installation, inspections and online diagnosis, maintenance, retrofits and training of operating personnel.

### Your benefits:

- Full range of services
- Added-value solutions
- Comprehensive line expertise
- Expert problem analysis
- Easy communications with key contacts
- Customized project management

### Three technical centers

## A step ahead in product development

With state-of-the-art installations at our technical centers in Elbeuf (France), Krefeld (Germany), and Montbonnot (France), ANDRITZ expert process engineers work as your partners in product development. Evaluation of new processes and definition of parameters for product guarantees are another main focus.



ANDRITZ Asselin-Thibeau technical center in Elbeuf

The Elbeuf technical center welcomes customers for demonstrations, trials, and product developments, with the most advanced crosslaid technology. The pilot line is configured with full size industrial machines combining opening and blending, an eXcelle double card including the TT concept, a Dynamic crosslapper, two fabric web drafting units and needlelooms, followed by a semi-automatic winder. A velour structuring machine is also available off-line.

The Krefeld technical center provides three pilot calenders (300 mm roll width), an ultrasonic laminating calender (300 mm roll width), and a production calender (2,000 mm roll width), plus a large selection of engraved, smooth, and elastic rolls. Furthermore it is equipped with various wet finishing machines and a wet-

laid/ wetlace pilot line.



ANDRITZ Küsters technical center in Krefeld



The Montbonnot technical center specializes in trials, product development, marketing tests, technical training, and expert support with the most advanced spunlace technology. It comprises two complete pilot lines (one for spunlace and the other for SpunjetBond and SpunjetSoft production). The spunlace pilot line is equipped with O/B, high-speed TT card, hydroentanglement units, airlaid formation, patterning unit, dewatering system, through-air dryer, kiss roll, and winder.

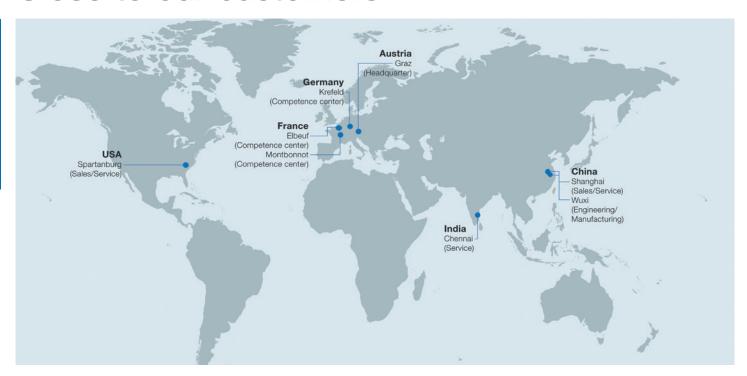


▲ ANDRITZ Perfojet technical center in Montbonnot



### **ANDRITZ Nonwoven**

### Close to our customers



#### **ANDRITZ Asselin-Thibeau**

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#### Rebuilds and hotline

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#### On-site service and training

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#### **Technical center Elbeuf**

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#### **ANDRITZ Asselin-Thibeau SAS**

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#### **ANDRITZ Küsters**

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#### Rolls and rebuilds

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#### **ANDRITZ** Perfojet

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#### Rebuilds and modernizations

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