



NONWOVEN

**STATE-OF-THE-ART
IN GLASS FIBER
PROCESSING**

**NEEDLEPUNCH PRODUCTION LINES WITH
A FAST RETURN ON INVESTMENT**

MAXIMIZE YOUR SUCCESS

When it comes to glass fiber materials for automotive, filtration, wind-mills, or yachting, your success depends on high-capacity equipment as well as efficient cleaning and dedusting solutions. ANDRITZ eXcelle needlepunch lines provide this performance, keeping maintenance to a minimum. For years to come.

NONWOVEN SOLUTION SUPPLIER

ANDRITZ offers turnkey solutions by integrating the right equipment, from fiber opening and blending right through to the end of the line by producing roll good material. The ANDRITZ capabilities include process experts who help you to improve your plant's quality standard.

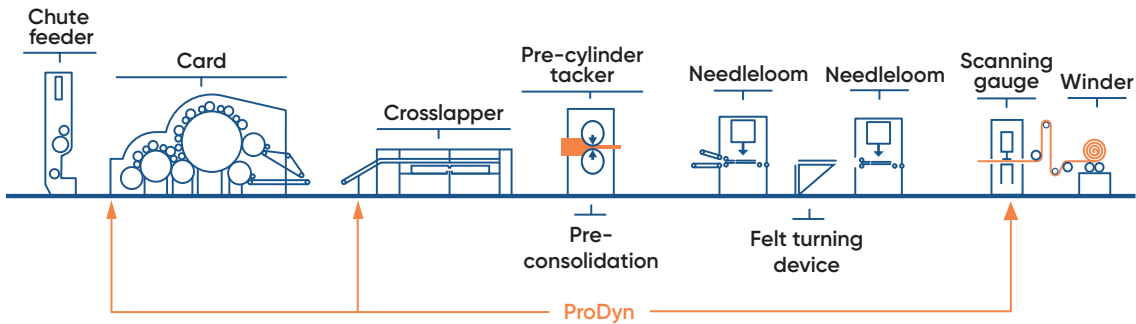
RESPONSIVE SERVICE

ANDRITZ provides a full range of services to nonwoven producers, such as process expertise, spare parts with e-catalog, upgrades, and retrofitting. Skilled technicians and online support help to maintain a long-lasting, competitive edge. And you also benefit from a fast and sustainable return on investment.



ENGINEERED SUCCESS

Highly qualified process



HIGH-LEVEL TECHNICAL EXPERTISE

- Complete production lines for heavy duty needling processes
- Fabric weight of up to 5,000 gsm
- Production in excess of 800 kg/h (depending on glass percentage in blend and card working width)
- Suitable for a 100% glass fiber needlepunch production

PREMIUM CARDING

- Fancy roller for card main cylinder
- Innovative and patented doffer cleaners (top and bottom)
- ISM and ISSP air management system to operate long runs
- Easy card opening to facilitate maintenance

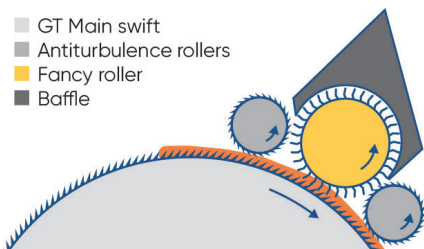
- Dynamic correction thanks to ProDyn/ProWin technology (optional)

NEEDLING KNOW-HOW

- Reliable needlelooms and outstanding life expectancy
- Elliptic pre-cylinder tacker (pre-needler), with no draft despite the slippery glass fibers, symmetric pre-needling, with mechanical kinematics kept away from glass dust
- Heavy-duty needlelooms, eccentric bearings, protected against abrasive fibers
- Extensive dedusting systems to keep the environment clean

WETLAID TECHNOLOGY

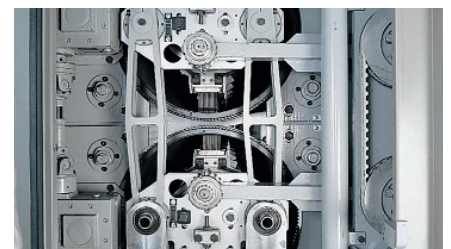
ANDRITZ also offers complete wetlaid production lines from medium to high capacity for the production of glass fiber mats. All lines encompass stock preparation, wetlaid forming, binder application, flat belt drying, and winding, and are perfectly suited to customer needs.



Fancy roller for card main cylinder



Easy card maintenance



Pre-needling with DF-2000 pre-cylinder tacker

FRANCE

ANDRITZ Asselin-Thibeau SAS
Elbeuf, France
p: +33 2 32 96 42 42
asselin-thibeau@andritz.com

USA

ANDRITZ Inc.
Spartanburg, USA
p: +1 864 587 4848
nonwoven-americas@andritz.com

CHINA

ANDRITZ (China) Ltd.
Wuxi, P.R. China
Phone: +86 510 8536 1269
nonwoven-china@andritz.com



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