



NONWOVEN

SOLID GROUND FOR YOUR GEOTEXTILE SUCCESS

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

MAXIMIZE YOUR SUCCESS

When it comes to geotextiles, your success depends on a perfect knowledge of production conditions and the corresponding expertise in this field. Needle punch lines from ANDRITZ guarantee a constant quality at a high level of production capacity and will provide the right foundation for your success. For years to come.

SOLUTION SUPPLIER

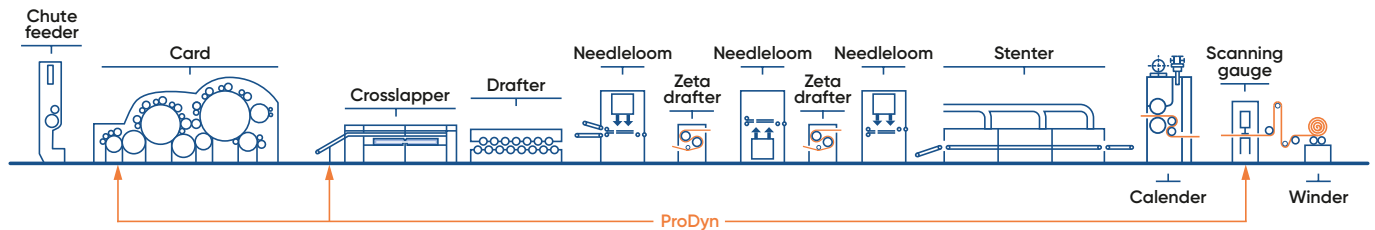
ANDRITZ offers you fully engineered, turnkey solutions in integrating the right equipment from ANDRITZ and its core partners. ANDRITZ engineering capabilities give you cost-efficient, flexible, and reliable needle punch lines, from opening up and blending the fibers, right through to the end of the line.

RESPONSIVE SERVICE

ANDRITZ provides a full range of services to producers, such as spare parts, upgrades and retrofits, as well as skilled technicians, online support, and more, to ensure a long-lasting, competitive edge. You benefit from a fast and sustainable return on investment.

ENGINEERED SUCCESS

High-performance lines for geotextiles production



PERFORMANCE

- MD/CD ratio ~ 1
- Tensile strength ≥ 8 kN/m for 100 gsm
- The ProDyn system combines actions from the card doffers and dynamic speed variation at the crosslapper
- CV $\leq 1\%$ (depending on fabric weight and fiber characteristics)

HIGH PRODUCTIVITY

- Production speed up to 50 m/min
- Max. capacity $\geq 1,700$ kg/hour
- Fabric weight from 70 – 2,000 gsm
- Product width from 3.5 m to 6.5 m
- Optimized line uptime

PERFECT BATT FORMING

- Ability to process fibers ≥ 120 mm adapted to geotextile markets
- Crosslapper infeed speed up to 200 m/min
- Profile / ProDyn capacity
- High-speed carriages for high-volume production

STATE-OF-THE-ART DRAFTING

- Drafting in excess of 300 %
- Increased productivity
- MD fiber orientation
- Mastered, tailor-made drafting

ROBUST AND RELIABLE NEEDLING

- Approved for heavy-duty use
- Punching up to 1,800 strokes/min.
- Self-cleaning system
- Adjustable loom delivery for very high-tenacity products



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