



**NONWOVEN**

# **VISIBLE SUCCESS WITH PREMIUM SYNTHETIC LEATHER**

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

## **MAXIMIZE YOUR SUCCESS**

When it comes to synthetic leather for demanding markets such as automotive, garments, furniture or footwear, your success depends on perfect fabric appearance and felt evenness in weight and thickness. ANDRITZ needlepunch lines provide this performance as its eXcelle carding line maintains consistent web quality. For years to come.

## **SOLUTION SUPPLIER**

ANDRITZ offers fully engineered, turnkey solutions by integrating the right equipment, from opening and blending, right through to the end of the line. ANDRITZ capabilities include global process experts who help you to improve your quality standard, while also keeping cost-efficiency and flexibility in mind.

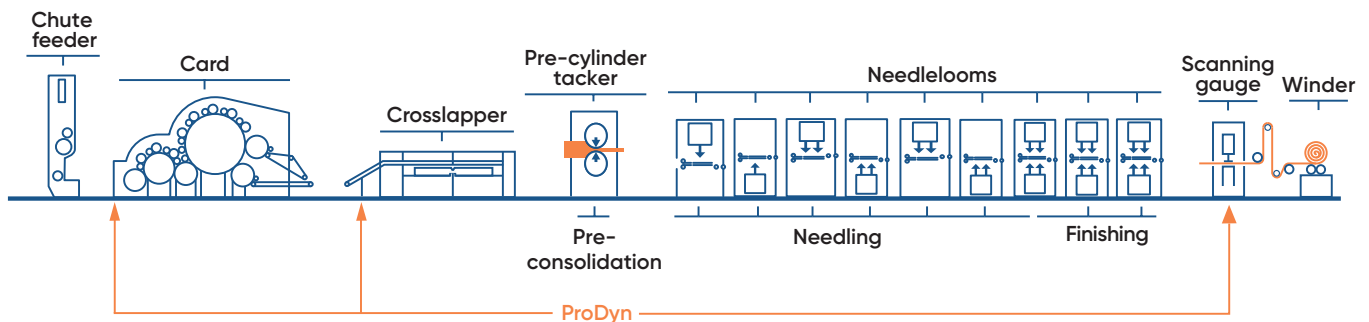
## **RESPONSIVE SERVICE**

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

**ENGINEERED SUCCESS**



# High-performance lines



## FABRIC EVENNESS: EXPERIENCE GATHERED OVER DECADES

- High web quality standards
- Cards up to 3.5 m width for high production capacity with web weight profiling capability
- Quick and easy card cleaning between two production runs
- ProDyn weight control system for outstanding weight evenness despite fibers that can generate high percentage of fabric shrinkage.

## NEEDLING PROCESS: EXPERTISE AND ORIGINAL SOLUTIONS

Synthetic leather production requires strong expertise. ANDRITZ offers solutions for every key step in the needling process.

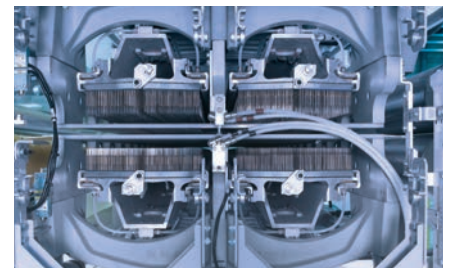
- Pre-needling combining the new ANDRITZ PA3000 elliptic cylinder tacker, with progressive needling
- Needling expertise to obtain high-density fabrics with constant thickness
- Needling for calibrating and densifying and later for appearance finishing are optimized by alternating, random needle patterns to avoid harmonics effects.

## A PILOT LINE TO SECURE YOUR INVESTMENT

The ANDRITZ Asselin-Thibeau technologies are at customers' disposal for trials at the needle-punch technical center in Elbeuf, France.



Pre-cylinder tacker for batt pre-consolidation



Finishing needleloom DF-4



Premium quality for automotive markets

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# ANDRITZ

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