

## **MAXIMIZE YOUR SUCCESS**

When it comes to roofing, spunlaid or carded process, your success depends on a perfect knowledge of production conditions and the corresponding expertise in this field. ANDRITZ excelle needlepunch lines deliver a constant quality at a high level of productivity, and will provide the ideal foundation for your success. For years to come.

## NONWOVENS SOLUTION SUPPLIER

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

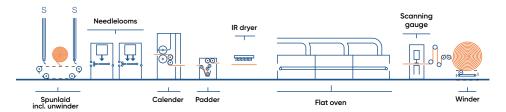
### **RESPONSIVE SERVICE**

ANDRITZ provides a full range of services to nonwovens producers, such as process expertise, spare parts in an e-catalogue, 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.

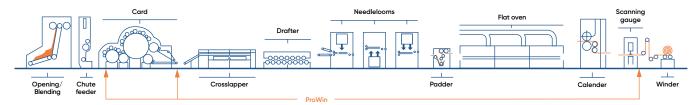


**ENGINEERED SUCCESS** 

# **High-performance lines**



Spunbond line for high productivity in roofing applications



Needlepunch line – a versatile investment offering high flexibility in production of roofing and geotextiles

#### HIGH NEEDLING PRODUCTIVITY

- Stroke 35-40 mm
- Up to 50 m/min
- Specific design for optimized web infeed
- · Adaptable press exit
- Dedusting
- · Reliable technology

## PRECISE PROCESS KNOWLEDGE

- High line efficiency and improved uptime
- Fabric weight from 50-250 gsm
- Production width up to 6.5 m (for carded crosslapped processes)
- Controlled inline impregnation and thermobonding at high speed
- Closed loop regulation for optimum evenness (also in crosslapped spunbond processes)



Needleloom



Crosslapper

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