

Perfojet at 40: Pioneering the Future of Nonwovens with Innovation and Sustainability

Marking four decades of excellence, ANDRITZ Perfojet, a trailblazer in nonwovens technology, celebrates its 40th anniversary with a legacy of groundbreaking innovation. Renowned as the pioneer of hydroentanglement technology, the company has revolutionized nonwoven fabric production by enabling the bonding of diverse fibers without the need for binders. With over 300 Jetlace™ hydroentanglement systems installed worldwide, Perfojet has significantly enhanced the quality, efficiency, and sustainability of products ranging from wipes and hygiene materials to geotextiles, filters, and even battery separators.



Bruno Roche, Managing Director of ANDRITZ Perfojet

A Legacy of Transformation

Perfojet's innovations have set industry benchmarks, delivering superior performance and fostering the adoption of sustainable practices. Its Jetlace™ systems have not only elevated product quality but have also redefined efficiency and environmental responsibility in nonwovens manufacturing.

Driving the Green Transition

Building on its rich heritage, ANDRITZ Perfojet is charting a future defined by

sustainability. Advanced solutions such as neXline spunlace and neXline wetlace enable the production of nonwovens from 100% sustainable fibers, addressing the growing demand for eco-friendly alternatives. Additionally, innovative drying technologies like neXdry air-through dryer and neXecodry energy-saving solutions reduce energy consumption by 15%, reinforcing Perfojet's commitment to resource efficiency.



Spunlace pilot line at ANDRITZ Perfojet, France

With a strong focus on the green transition, Perfojet is advancing R&D to minimize plastic use and increase reliance on natural and recycled fibers, including viscose, lyocell, pulp, and other sustainable materials. Its state-of-the-art pilot lines in Montbonnot, France, empower customers to explore and process new fibers such as hemp, linen, flax, and wool—paving the way for a more sustainable nonwovens industry.

Innovation Meets Vision

“As we celebrate this milestone, we are proud of our heritage and excited about the future within the ANDRITZ Nonwoven & Textile global team,” says Bruno Roche, Managing Director of ANDRITZ Perfojet. “Our focus is to provide sustainable, resource-efficient technologies and economically viable solutions that support the green transformation of the nonwovens industry.”



ANDRITZ Perfojet neXjet Injector

The Road Ahead

As Perfojet looks to the future, its mission remains steadfast: to lead the nonwovens industry into a greener era. By marrying technological excellence with environmental stewardship, ANDRITZ Perfojet is not only commemorating 40 years of innovation but also setting the stage for decades of sustainable growth and transformation.

This milestone celebrates more than a history of success—it heralds a future where innovation and sustainability work hand in hand to reshape the nonwovens landscape.