RETECH at Techtextil 2026: Precision Heat Control Powering the Future of High-Performance Fibres

At **Techtextil 2026**, taking place in **Frankfurt** from 21–24 April 2026, **RETECH Aktiengesellschaft** (Hall 12, Stand B01) will spotlight its advanced solutions for precision-driven yarn processing technologies.

Headquartered in Switzerland, RETECH designs and manufactures high-performance godets and draw frames for heated, ambient, and cooled processes. With process temperatures reaching up to 400°C, the company supports the production of high-performance fibres across a wide range of polymers and demanding applications. Its core expertise lies in delivering exact and stable temperature and speed control, individually tailored to specific material and process requirements—ensuring consistently superior yarn quality.

A highlight of RETECH's portfolio is its advanced induction heating technology, available in both single-zone and multi-zone configurations. These systems create highly accurate temperature profiles and exceptional uniformity across the entire godet surface. This precise thermal management directly influences key yarn parameters such as tenacity, elongation, and shrinkage, resulting in a highly consistent and reliable end product.



Picture: Retech Godet

Energy efficiency and durability remain central to the RETECH philosophy. Energy-optimised heating systems, efficient drive solutions, and robust mechanical engineering combine to deliver extended service life and maximum machine uptime. The proven UTR-6A

non-contact temperature measurement and transmission system continuously monitors rotating godet temperatures and relays data to the UCR-6 controller for real-time regulation.

This intelligent monitoring safeguards critical components, enhances process stability, and reinforces sustainable fibre manufacturing—positioning RETECH as a technology partner for the next generation of textile innovation.