FET’s revolutionary gel spinning system wins Techtextil Innovation Award



FET has received the prestigious Techtextil Innovation Award 2026 in the New Production Technology category. The Techtextil Innovation Award honours outstanding ideas in textile technology, sustainability, AI and the creation of technical textiles, selected by an international jury of experts. Ranging from new materials to new production technologies, this award recognises progressive ideas that are driving forces for numerous industries, such as automotive, medical and construction.

The new FET-500 Series now allows rapid, small-scale gel spinning of UHMWPE without the use of the toxic solvents typically associated with the process. This game-changing equipment will finally unlock R&D and new product development in UHMWPE yarns, which was previously blocked by the large-scale nature of UHMWPE yarn production, enabling significant savings in cost, footprint and environmental factors.

“We are proud that the Techtextil Innovation Award recognises our intensive work. It shows that we are at the forefront of technological developments supporting the textiles of tomorrow.” - Richard Slack, Managing Director.

This reinforces FET’s success in processing over 130 different polymer types in multifilament, monofilament and nonwoven formats, collaborating with specialist companies worldwide to promote greater sustainability through innovative manufacturing processes.