Saurer – the recycling enabler – at DTG 2023

At the DTG from 15 – 18 February in Dhaka, Saurer, the premier solution provider for spinning and twisting machines, will be present in hall 7, booth 272. Saurer's spinning and twisting machines are renowned for their energy saving features, automation, and digitalisation solutions. Saurer machines enable the circular economy in textiles and are the leaders in processing recycled textile materials. Saurer's Texparts product line offers high quality components for spinning.

Saurer enables spinning mills to process a wide range of recycled and regenerated fibres and yarns in their production. The Saurer rotor spinning machines are leaders in the processing of recycled fibres. The Saurer textile technology experts continuously assist customers in optimising their yarn production and yarn quality, especially for recycled fibres. Saurer has always been committed to advancing the textile industry, integrating high-end equipment manufacturing with modern information technology to provide sophisticated solutions for the smart spinning factory.

Excellent sliver quality with Saurer's blow room and carding machines
The right combination of Saurer's blow room and carding machinery ensures excellent fibre utilisation and sliver quality, thus increasing the efficiency of the spinning process and improving the quality of yarn. The new Autocard was developed to create further value in the fibre preparation chain.

The benchmark for intelligent roving and ring spinning
The use of the Autospeed roving frame with automatic doffer ensures that spinning mills do not have to rely on skilled workers, and simultaneously increases the quality of the roving. The Autospeed roving frame with up to 240 spindles saves up to 20% of energy compared with the previous model, while doffing takes less than 2 minutes.
The ZR 72XL and ZI 72XL are two highly productive ring and compact-spinning machines. They set the global benchmarks for intelligent spinning, low energy consumption, user friendliness, and flexible automation solutions.



High-quality rovings are produced on the Autospeed roving frame with automated doffing.

Saurer – the market leader in rotor spinning
Autoairo – the new air spinning technology
The Autoairo sets new benchmarks for air spinning. Saurer has combined its most advanced automation solutions with proven technology to create an air-spinning machine with unique properties. The Autoairo features autonomous spinning positions with automation per spinning unit for more productivity and integrated intelligence.



The BD 7 is the leading semi-automatic rotor spinning machine.



Autoairo air spinning machine with autonomous spinning positions.

Texparts components for boosted ring spinning productivity
Saurer's Texparts product line offers high quality components for the textile industry including drafting systems and spindles, spinning rings, and travellers. The new double elastic spindle, Eshape, has a reduced wharf diameter and is based on CS 1 S. Outstanding running properties up to 30 000 rpm and about 6% energy savings are the key performance factors. Eshape, combined with the best system for spinning without underwinding, Spinnfinity, is the perfect fit for automated and efficient ring spinning.

The FusionTwister – two-for-one twisting at highest speeds
Often used for high-quality towels and bed lining, the two-for-one twisting machine FusionTwister, offers high efficiency combined with the excellent quality of the cross-wound delivery packages produced. Up to 15% of energy can be saved with the FusionTwister while increasing the winding speed by 10%.Consistent high yarn and package quality is a result of our robust machine construction and optimised yarn guiding elements, which consist of yarn-friendly ceramics or have plasma-coated surfaces for low friction and longevity.



The FusionTwister for two-for-one twisting at highest speeds



Saurer's technology is enabling spinning mills to process recycled fibres with lowest energy consumption.