

INDIA ITME 2016: Schlafhorst and Zinser set new standards

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As usual, the German spinning and winding machine manufacturers Schlafhorst and Zinser set new standards for economic efficiency and quality at INDIA ITME 2016 in Mumbai. The companies exhibited innovative solutions for maximising profit based on Saurer's E³ added value strategy at the Saurer Group booth.

Zinser 72: a new level of efficiency in the commodity segment

With a length of 2016 spindles, the Zinser 72 ring spinning machine, which is manufactured in Vadodara in India, defines the benchmark for efficiency in the commodity segment. The machine is super-long, super-economical and extremely user-friendly. Compared with shorter rival machines, it cuts production costs by up to 11 % and reduces the machine footprint by up to 21 %. The two-end TwinSuction system saves up to 66 % of the energy consumed during the suction process in combination with the sensor-controlled OptiSuction yarn break suction system.

Zinser presented the ZinserImpact 72 compact spinning machine at the show in a linked system with the Autoconer 6. Equipped with the self-cleaning Impact FX unit, the ZinserImpact 72 guarantees top productivity, maximum process reliability and the best raw material utilisation in the industry.

ZinserSpeed 5A doffs in record time

The new ZinserSpeed 5A roving frame doffs in under two minutes, consumes 20 % less energy and is up to 17 % shorter in 220 gauge. The RoWeLift transfer station transfers the roving frame bobbins to flexibly configurable roving bobbin transport systems via a 1:1 transfer system. Autoflow systems enable Zinser to create perfectly customised automation solutions for maximum productivity.

Autoconer 6: benchmark for package quality and added value

With the delivery of the 2.5-millionth Autoconer winding unit Schlafhorst has attained a globally unique market position. The presentation of this milestone winding unit to Kanchan India Ltd took place against a fitting backdrop at INDIA ITME, because the Indian textile industry also constitutes a significant element in this successful history. And the latest, E³-certified Autoconer 6 with intelligent sensor technology and smart process control is also extremely popular again with Indian customers. LaunchControl, SmartCycle and SmartJet render it up to 6 % more productive than its predecessor. The new Eco-Drum-Drive system, SmartCycle and the intelligent vacuum control system "Power on Demand" reduce energy consumption by up to 20 %. Autocalibration of the splicer feeder arm, energy monitoring and intelligent doffer functions such as SmartJet and TubeCheck are unique in the industry, making winding more ergonomic and lessening dependence on operators. The Autoconer package remains the benchmark for quality and added value in downstream processing.

Schlafhorst and the rotor spinning of the future

The new Autocoro 9 with its advanced individual spinning position technology sets new records for energy consumption, productivity, efficiency, user-friendliness and quality in the fully-automated machine segment.

Energy consumption reduced by 25 %, 19 % lower spinning costs, rotor speeds of 180,000 rpm, take-up speeds of 300 m/min and 60 % less servicing outlay turn the Autocoro 9 into the production platform of the future. With a market share of over 90 %, the Autocoro plays a major role in the growth and value added in the Indian textile industry.

The new semi-automatic BD 7 machine is also in a league of its own, producing impressive packages in Autocoro quality in all package sizes up to 320 mm in diameter. The BD 7 reduces spinning costs and increases profitability by using up to 10 % less energy, rapid take-up speeds of 230 m/min on all machine lengths and improved space utilisation.

Plant Operation Center - production monitoring in real time

The new Plant Operation Center (POC) from Schlafhorst and Zinser provides spinning mills with extensive production and quality data in real time. The data transparency enhances the efficiency of service intervals by enabling interventions to be timed perfectly. The real-time information can also be used to increase productivity and yarn quality.

Customer Support: SUN – SERVICE UNLIMITED

With the innovative SUN - SERVICE UNLIMITED service concept, Schlafhorst and Zinser offer their customers support in their day-to-day operations that is unmatched by any other manufacturer. Over 500 service staff in 20 service stations and 3 technology centres advise customers all over the world with regard to productivity and quality increases as well as energy conservation. The e-commerce platform SECOS 2.0 guarantees minimum response times in the delivery of original spare parts. And in SUN-PLAN Schlafhorst has developed a new service concept that is unique within the industry: Service at a fixed price.

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About Schlafhorst & Zinser:

The Saurer Group Business Unit Spinning brands Schlafhorst and Zinser have been pioneers in the production of staple fibre yarns for over 100 years. Ring spinning specialist Zinser leads the market with the widest range of ring spinning applications. Market and innovation leader Schlafhorst with its Autocoro, BD and Autoconer product brands offers solutions for the entire spinning line right through to the quality package. Thanks to their unique process competence, Schlafhorst & Zinser are the partners of choice for successful textile companies. With production locations in Germany, India and China as well as an international service and consultancy team, Schlafhorst & Zinser fulfil their mission: to make spinning mills across the globe more efficient, productive and economical.

About the Saurer Group:

The Saurer Group is a leading, globally active textile enterprise focusing on machinery and components for yarn processing. Saurer encompasses the leading spinning technology brands Schlafhorst and Zinser. The names of Allma and Volkmann are synonymous with superb doubling machines, that of Saurer Jintan denotes expertise in spinning preparation and Saurer Embroidery stands for embroidering competence. The Saurer Components Division brings together the brands of Accotex, Daytex, Fibrevision, Temco and Texparts.

With turnover of around EUR 1.0 billion and 4,000 employees working in plants in Switzerland, Germany, United Kingdom, Czech Republic, Turkey, Brazil, Mexico, the USA, China, India and Singapore, the Saurer Group is ideally positioned to service the world's textile centres.

Pictures with captions



Autocoro 9



BD 7



ZinserSpeed 5A



ZinserImpact 72



Autoconer 6