



Trützschler presents Spinning, Nonwovens, Man-Made Fiber and Card Clothing solutions

Trützschler will be present at hall W 2 with an stand area of 600 m² representing the four business areas; spinning, nonwovens, man-made fiber and card clothing, as well as the Chinese Truetschler Textile Machinery Shanghai (TTMS).

TTMS will exhibit the Truetschler Card TC 8, which has the longest carding section for optimal fiber protection with high performance. Developments such as Setting Optimiser T-Con and the flats system MAGNOTOP are some typical features that make Trützschler cards, like TC 8 a must see for visitors.

The autoleveller Draw Frame TD 8 shown at the stand is equipped with the separately driven SERVO CREEL. The highlights of this machine are the new input sensor DISC LEVELLER and the quality monitoring system with sensor DISC MONITOR.

Trützschler SPINNING also places emphasis on two machines. The first one is the Truetschler-Toyota SUPERLAP TSL12. This machine suitable for combing preparation delivers laps of the highest quality. Due to the multi-drive system, the speeds of the individual elements can be optimised with precision. The result is a uniform lap with perfect unwinding behaviour at the comber.

Meanwhile, the Toyota-Truetschler Comber TCO 12 has proven successful in practice. The TWIN-DRIVE System - the double sided drive of the important combing elements - reduces the torsions and vibrations of the shafts. This allows tighter settings to reduce the noil volume. Due to the design, this is only possible



The combination of Card TC 11 and Integrated Draw Frame IDF 2 increases the rotor yarn quality and lowers production costs.

with the TCO 12. Superlap and comber can also be connected with an automatic lap transport system.

The second introduction is the new Integrated Draw Frame IDF 2. The revision was based on the experience with thousands of first generation integrated draw frames on the market. At the very heart is a completely new drafting system. The first installations in rotor spinning mills show that today the use of an IDF system is vital for yarn counts up to Ne 30. Direct spinning of slivers from the machine combination Card TC11 and IDF 2 saves considerable costs and provides a higher yarn quality.



With T-Data, the system data can be accessed at any time, even via tablet or Smartphone.

The Trützschler Card TC 11 with the largest cylinder clothing was also exhibited at the stand. With T-Data, the production system is always under control. T-Data is a web-based central data acquisition system for spinning preparation. All important quality data and error statistics of the machines connected are saved and can be viewed on an internet-capable notebook, Smartphone or tablet also while on the go.

Trützschler NONWOVENS puts emphasis on the variety of products for nonwovens production. Complete systems ranging from fiber opening to winding of the web are offered from a single source for the four web bonding processes (hydroentangling, needling, thermobonding and chemical bonding).

A wet-in-wet process represents a brand new development for such end products as flushable wipes. The technology and design of the production plant was developed with the German company Voith Paper.



Super Lap: The multi-drive technology of the Truetschler-Toyota Superlap TSL 12 helps in optimising lap quality.



Trützschler Nonwovens and Voith Paper developed systems for wet-laid and hydroentangled nonwovens with a high level of wet strength. They consist only of fibers of natural origin that quickly disperse in water and that are 100% biodegradable.



The product range of Trützschler Card Clothing also includes metallic wires for opening rolls.

Furthermore, information on various tailor-made components will be presented: The new **Streamliner dryer** realises maximum evaporation rates for hydroentangled webs at minimum energy consumption. Concerning winders, the focus is also on the variety of available inline and offline solutions. An example is the new, energy-efficient automatic surface winder for spunlace materials.

Truetzschler MAN-MADE FIBERS exhibits its system competence in the field of staple fibers and filament. This ranges from texturing units for BCF yarns, compact systems, all the way to highly productive two-stage staple fiber lines. In addition to new systems, the information covers the upgrading of existing systems.

Truetzschler CARD CLOTHING provides various products and services regarding clothing for cards and roller cards. This also includes special clothing for openers or for opening rollers of rotor spinning machines. This year, TTMS has taken over the marketing and service for opening roller clothing in China.



Inline slitting during winding is a speciality of Trützschler winders.



Precise package build up with winding heads for BCF and technical yarns.

These wires can be used on all types of opening rollers and for a broad variety of applications. They are available as "Standard" and "Chemically polished" versions.

The Novotop 58 flat top is an invention within the flats product range. It is used in the area of fine combed yarns. The new Novotop 30 flats top has been specifically designed for coloured fibers and regenerated fibers for rotor spinning. By bringing together the expertise in terms of machines and clothings, an optimal coordination is reached. The experienced service technicians work around the globe to ensure that excellent results are achieved even in special applications.

Trützschler is a member of the Blue Competence initiative of the German mechanical engineering. This involves the commitment to responsible use of resources. For the operators of Trützschler machines and systems this results in decreased production costs thanks to low energy consumption and waste reduction. ♦

Monforts will launch new patented modular interchangeable coating system

A new modular, interchangeable, coating system for technical textiles, the **Montex-Allround**, will be unveiled by A. Monforts Textilmaschinen GmbH & Co. KG at ITMA Asia on stand number A01 in Hall W1.

The new patented concept provides the solution to integrate a wide variety of coating, printing and other innovative application techniques.

The position of the coating head, for example, directly within the fabric infeed of the stenter ensures the shortest distance between the infeed and the coating head; essential for high quality coating processes.

The Montex-Allround also features individual modules for knife and slot die

coating as well as modules suitable for flexo, gravure and rotary screen printing.

Integration of special modules such as powder scattering and spraying is also possible.

The modules are carried, cleaned and moved with a specially-designed trolley which provides easy access to the side of the stenter infeed with the minimum downtime.

An explosion proof cabinet for treating certain solvents is also available



for the new modular unit ensuring safe operation with the operator standing outside the enclosure.

Further information can be obtained from Klaus A Heinrichs, A. Monforts Textilmaschinen GmbH & Co. KG. ♦



Shanghai, China

