

SwissTex France: Textile and industrial yarn processing technologies

Today's production of textile and industrial yarns is a challenge requiring flexibility, creativity and market knowledge. With 100 years experience in yarn machinery, SwissTex France (previously known under the brands Verdol, ICBT, Rieter FYT and RITM) is a major player in the field of textile machinery. SwissTex France will be present at Hall W2 / Booth D22 during the ITMA ASIA + CITME show.

Textile yarn processing

SwissTex France has perfect solution to meets most complete range on the market of twisting machines for embroidery and sewing thread applications; single and double covering machines for hosiery, stockings, sportswear and technical yarns, air covering machines for hosiery, stockings and sportswear and lastly, combined machines to twist and shrink nylon yarn through thermal treatment.

Industrial Yarns: SwissTex France reinforces its leading position

Since the launching of the UT 50 machine, back in 2005, well appreciated for its flexibility and for the quality of yarn and package produced, SwissTex France sets a reference for two-for-one twisting machines for industrial yarns.

Listening to the market demands, the machine range is continuously extended to offer the best product to answer all customers' needs:

For the last ITMA ASIA + CITME and CINTETECH China shows, held in 2008 in Shanghai, SwissTex France exhibited a running UT 50. Now a 900 mm spindle gauge machine is proposed for twisting heavier yarns, which increases the yarn count range up to 60,000 dtex.

UTC 60 – a step ahead in twisting & cabling: The Universal Twister & Cabler 60 enables either to twist yarn using the two-for-one principle or to cable yarn using the direct cabling principle. Getting one more process on the same machine is of course a big advantage for the yarn producers!

UTW 40 – one step process in assembling and twisting: The UTW 40 enables to remove one step in the process chain while producing 3 ply cabled cord. It uses individual positions and the latest state of the art drives for a maximum flexibility.

Glass Yarns: Worldwide reputation

SwissTex France reacts to its customer's demands by offering its products everywhere and supplying permanently the machines that best fits the customer's needs.

SwissTex France is always in search of new ways to increase its equipment performances. ITMA ASIA + CITME will be the occasion to show off its latest improvements, such as:

- ❖ New motorized spindles.
- ❖ New motor-creels.
- ❖ Improved doffing time.
- ❖ Reduced chain yarn breaks and yarn external pollution.
- ❖ Quick UNIX operating system.

Tire Cord: Inventing technology

With its experience built over decades and orders to be delivered in China, Taiwan, Indonesia, Eastern and Western Europe, USA and Brazil, SwissTex France remains the major partner of the tire cord manufacturers all over the world.

The open pot technology, allowing tremendous labour cost reduction, gives all our direct cabling machines unrivalled ergonomic and keeps SwissTex France one-step ahead.

The success of the CP machines shows, year after year, its complete suitability with the market needs, not only in terms of yarn quality and energy consumption, but also in term of environmental impact of the machines themselves. That is why all CP machines are equipped as a standard with heat extraction system fully integrated in the machine frame allowing reduction on air conditioning cost and consequently finished yarn cost.

With the latest technology used to optimize the Human Machine Interface, the CP 06 is equipped with a friendly self-explanatory touch screen allowing the use of most of the characters in the world, such as Chinese ones for example. The user can switch back to English in one touch anyway.

The CP 10 machine with its individual inverter per spindle is best assurance of the speed stability and twisting accuracy and, in association with the inertia wheel concept, allows adjusting decelerating ramps in order to optimize the yarn quality even during power failure.

Carpet Yarns: Matchless partner

The conversion of carpet fibers is today becoming very versatile, new yarn types are engineered and the integrated customers or converters need flexible and performing production equipment with the highest level of quality.

SwissTex France has more than 30 years of experience in carpet yarns and is major player supplying machinery in the field of twisting and cabling for synthetic

filaments and spun yarns. Therefore, SwissTex France will present most complete product range of textile machinery on the carpet market namely:

CDDT 10 – Leader in Turkish market:

- ❖ Basic, robust and standard design with main spindle motors driven by inverters.
- ❖ Reliable spindle transmission with belts, with low maintenance cost.
- ❖ Fully suitable with new trends such as shaggy and super shaggy, "frizé" and shiny yarn.
- ❖ Lowest power consumption on the market.
- ❖ Down offing time under control thanks to M.U.S.T. monitoring system.

CDDT 20 – Flexibility at the highest level

- ❖ Available with standard mechanical spindles and with spindle speed monitoring, individual metering, sliding doors, pneumatic creel. (optional)
- ❖ Servo drive system.
- ❖ Touch screen (Chinese, Arabic...other languages available) and data server for an optimal flexibility.
- ❖ Real efficiency, Kg, Kwatt/Dtex... under control thanks to M.U.S.T. monitoring system.
- ❖ Remote services.

Wool Touch® by SwissTex France - Discover the outstanding Spun Yarn effect!

With Wool Touch®, SwissTex France is boosting the Spun yarn effect in combination with or without its famous "3 PLY" kit for new yarn engineering.

M.U.S.T., Monitoring Unit System for Textile machinery: Production under control

SwissTex France will bring out its complete and comprehensive plant management system, M.U.S.T., already installed at major carpet, glass and T&I yarn producers. M.U.S.T. enables an overview of process information, production results and quality control data at all levels from the twister and cabler to the weaving looms via the heat setting machines.

M.U.S.T. is becoming compatible with RFID technology for tag read/write/print tags through hand held computer traceability. ♦