



Oerlikon Saurer: Success Key in twisting and embroidery

Oerlikon Saurer work in the segments of twisting and embroidery at the highest level. Their four product lines cover all areas of these two special segments. Located in the textile core regions Germany (twisting), Switzerland (shuttle embroidery machines) and USA (small embroidery machines), they are always close to the market. As a member of the worldwide biggest textile machinery manufacturer and at the same time of a diversified high-tech company, they offer highly interesting possibilities.

Saurer Epoca now with new soutache and sequins system

The globally successful Saurer Epoca 05 with a lift-off soutache and sequins system for Pentacut machines. This world innovation offers countless benefits for customers:

- ❖ Lift-off device for easier operation and unimpeded view of the embroidery area.
- ❖ Flexible repeats – 4/4 repeats can also be embroidered.
- ❖ High speed thanks to full integration into the Saurer system.
- ❖ Significant productivity increase.

AMAYA XT is the unique modular single-head and multi-head embroidery machine. The AMAYA XT is not a conventional multi-head embroidery machine, it represents a breakthrough for this industry.



Saurer Epoca 5.

Saurer WinPro sets standards in long staple spinning

In the long staple segment, the Saurer WinPro process has been setting new production, quality and economic efficiency benchmarks in the last few years. It benefits from enormous cost-savings and unique production flexibility. The greatly reduced throughput times, less work in progress and massively reduced lot change times are further plus-points. The 2, 3 or 4-fold yarns are produced with up to 250 m/min spinning speed.



Saurer - WinSpin.

World innovation: Two-for-one twisting machine Volkmann FusionTwister

It is the new two-for-one twisting machine for staple fiber yarns. But it is in particular a new development with futuristic answers to trends such as finer yarn counts and the reality of increasing energy prices. These answers have been inte-



Allma TechnoCorder.

grated into the Volkmann FusionTwister. It replaces the very successful FOCUS and widens considerably the spectrum of production possibilities.

The Allma TechnoCorder TC-S is as versatile as the market

The Allma TechnoCorder TC-S with its precision winding is the ideal production machine, guaranteeing optimal quality and maximum productivity. Precision winding, twisting packages with a high density and excellent further processing properties become a routine occurrence. With a wide yarn count range of 235 to 45000 dtex and delivery speeds of up to 350 m/min, it sets standards in economic efficiency, quality, safety and user friendliness. The gauge increase to 830 mm means that also coarse industrial yarns can be ideally twisted, considerably widening the machine's spectrum to benefit the yarn manufacturer. ♦

Oerlikon Textile Components - Heberlein®

Oerlikon Textile Components distributes under the Heberlein® product line air jets, aspirating, cutting and splicing units as well as sensors for synthetic continuous filament and staple fiber yarns.

Air Jets: The PolyJet™-TG-2 TopAir™, providing highest performance and uniformity in interlacing of technical yarns, has been launched as the new PolyJet™-2 design. The PolyJet™-TG-2 TopAir™ has an additional upper air entry, thus providing an uniform distribution of the air flow at the same time as an improved compactness of the yarn bundle.

The PolyJet™-TG-2 TopAir™ can contribute significantly to reduced air consumption. The redesigned DetorqueJet for achieving torque-free yarns in false-twist texturing comes with

new jet plates made from wear-resistant ceramics.

Aspirating, Cutting and Splicing units: In the range of string-up devices the new Lufan™- HS-2 for high speed spinning processes offers stringing benefits in lower spare parts consumption and easier handling. For knot-free joining of POY yarns especially for DTY, the new AirSplicer™-POY with superior, automatic performance and light weight.

Sensors: The WarperTex-O™ is a new optical yarn break sensor system for parallel warping. The modular design



PolyJet-TG-2.

enables the efficient use of sensor rails from 8 to 64 positions for processing of currently up to 2.560 threads. Some of the advantages of the new system are quick and easy mounting and therefore perfectly suitable for retrofit solutions. ♦