

Tecnorama srl

ITMA ASIA + CITME 2008 was a great success for Tecnorama, thanks to new machines for dosing and dyeing both for laboratory and for small production. A considerable interest was generated by the completely automated system DOS&DYE® JETFLOW for the dyeing of small lots and by SPECTRODYE-T, an optical system for transmittance reading of the coloured spectrum with variable thickness cell for the automatic management of the dyeing process in the production dyeing machine.

As usual, Tecnorama presents technology and innovation focusing the attention of the various Chinese entrepreneurs who came to the exhibition, a confirmation of the fact that Chinese market is developing into new scenarios for textile technological applications and that quality is becoming a must for many of them.

Tecnorama is always working in innovation and quality and ITMA ASIA recognized these features repaying the company with many interest assertions.

Comez presented advanced narrow fabric technology

Comez offered a wide range of crochet knitting machines, weaving needle looms, double needle bed warp knitting machines and software for pattern programming - used to produce a broad range of laces and bands for underwear, ribbons for clothing, technical textiles, passementerie, fancy yarns and fabrics for outerwear.

COMEZTRONIC CT-16B/600 is an electronic crochet knitting machine with 16 weft pattern bars, available in gauge 15 and 20 n.p.i., with a 600 mm working width, designed for the production of an extensive range of high-quality and very complex laces, bra-strings and flounces, both elastic and non-elastic.

COMEZ 609/B12 is a high efficiency crochet knitting machine, designed for the production of a wide range of laces, bands and ribbons featuring complex and elaborate patterns, employed for lingerie and undergarments, sportswear and accessories.



Rossano Ugazio, Area Manager, Comez S.p.A.

COMEZ 610 ACO is a high technology crochet knitting machine using compound needles, for the high speed production of technical articles, ribbons and laces, featuring lock-stitch, both rigid and elastic, such as - for example - the part of Velcro fasteners. The machine's compound needles render it highly versatile, allowing for the processing in the warp of synthetic and special yarns (such as Kevlar, fibre-glass, copper and zinc yarns, etc.), as well as commonly used natural yarns like wool and cotton.

L.G.L. Electronics S.p.A.

ATTIVO by LGL Electronics is the latest development concerning yarn tension. This is the first electronic brake on yarn storage feeder, released for the knitting market to avoid tension variations, due to the passage from full to empty bobbin or to the differences between one bobbin and another.

A tension sensor feels the variations of the yarn tension during normal working. Exploiting this information and making use of a motor, the microprocessor moves the output TWM Tension Modulator. This effectively maintains the pre programmed,



ATTIVO by LGL Electronics.

desired tension between the yarn feeder and the knitting machine.

Caipo Automazione Industriale S.r.l.

Caipo presented the new CSTU - Caipo Slub and Twist Unit, which is an updated system for the production of Slub Yarn (coarse and fine yarn) - Multicount - Multitwist with high production and performance level, with very high quality.

The CSTU can be applied to any type of ring frame and open-end, both to new machinery or to the existing one. Following Yarn types that can be obtained easily:

- ❖ Normal.
- ❖ Slub yarn (coarse and fine).
- ❖ Multicount with twist variation.
- ❖ Multitwist.



Paolo Bobbola and Mr. Alvaro Miorelli with S. Faisal Raza from Madhani Associates.

Other features include, direct control of feed shafts (top and middle), besides the production of slub yarn, the draft can be set too. The delivery shaft (front roller) can be controlled, by adding a motor to set the twist and to change it according to the count processed. Motors digital-control (through CAN-BUS), allowing a very high precision on draft and twist control.

The draft and twist electronic control is also possible, by eliminating the different pulley ranges. Slub thickness: from 0.1 to 9.00 with steps of 0.01.

The Caipo Filopiu device has been designed on purpose to meet the present needs of the market, requiring to include an elastane fiber or other types of filament in the traditional spinning cycle, with very high quality features. The Caipo Filopiu device allows to cover the elastane fiber directly when the yarn is forming on the spinning frame. The Caipo Filopiu device differs from the other existing systems for the following main features:

Perfect centering of elastane fiber

Yarn, when getting out of the feed roller, has some casual oscillations compared to the ideal central point of the roller. With Caipo system the elastane fiber can follow these fluctuations and stay always inside the yarn, thanks to:

- ❖ A patented insertion system, that has been conveniently studied and is differing from that used in the traditional systems.
- ❖ Correct angle of insertion compared to the roller.

Caipo CSTU-Evaluation

Software module for the computer analysis of slubs production program. This package carries programming and storage of new slub programs with the same language of CSTU slub device. ♦