Comez presents Comeztronic CT-11B

Comez will be present at Hall 9, Booth 910 with its agent BENTEKS A.S. at the forthcoming ITM 2009 Fair and will exhibit one model COMEZTRONIC CT-11B from its broad range of machinery.

Comeztronic CT-11B

Highly productive and versatile electronic crochet knitting machine for the production of an extensive range of laces, bands and ribbons, both rigid and elastic, which offers:

- maximum levels of productivity and versatility.
- quick article or pattern change times.
- a strong and compact structure; the machine is also extremely user-friendly and simple to maintain.

This machine is fruit of a project based on a global system involving:

- the updating of mechanical parts to guarantee both full interchangeability of parts and accessories (so as to allow rapid article changes), and the application of a new and advanced electronic technique allowing all movements to be programmed without the need for mechanical intervention on the machine;
- ultra high-tech hardware and software covering all the functions of the machine.

COMEZTRONIC CT-11B comes with a 600-mm operating width, is fitted with 10 electronically driven weft bars and 1 bar shifted by the weft device, and is available in gauges 15 and 20 n.p.i. The high number of bars and the electronic operation system allow elaborate patterns to be created, with very long pattern repeats.

The electronic drive of the thread feeders and the finished product take-down allows for the possibility of different stitch density values (stitches/cm) on one single product, as well as different values for weft/warp feeding and elasticity.

This machines is fitted with the new generation DATA CONTROL CONTROLLER, governing the latest generation of actuators. These new actuators feature excellent dynamic performance and positioning precision, far superior to previous types.

Elastic laces made on Comez crochet machines.

Electronic crochet knitting machine Comez CT-11B.

The CONTROLLER manages all necessary machine functions, monitors production data and allows for the realisation of lengthy pattern repeats: the number of lines for each pattern can reach a value that is just about unlimited.

The pattern is programmed by exclusive COMEZ DRAW or SYSTEM.WIN software, compatible with any IBM-compatible Personal Computer. Pattern data is transferred from a PC to the DATA CONTROL CONTROLLER on the machine by means of a MEMORY CARD.

The COMEZTRONIC CT-11B expresses at top levels the high quality of COMEZ technology, representing a unique production means at disposal of the manufacturers of sophisticated articles for underwear.

Electronics applied to Comez machines are totally exclusive, entirely designed, developed and created by Comez.◆

Richard Hough to unveil new roll covering technology

Richard Hough Limited manufacture a specialist range of rollers for the finishing and processing of paper, textiles and metals. Applications include paper supercalendering, textile calendering and squeezing, embossing and sheet metals.

Richard Hough Ltd. (RHL) has collaborated with Just Rollers plc, a supplier in elastomer roll coverings, to develop the new Resilio system. Trials identified substantial performance benefits over the existing systems in the market:

- Typically 40% better expression on knitted goods.
- Typically 18% better expression on wovens.

Cost savings are equally significant, potentially reaching as much as 50,000 euros per year depending on the applications, according to the company. The Resilio roll will be officially launched at the ITM 2009 textile machinery exhibition, to be held in Istanbul, Turkey from June 6 to 10.

Richard Hough Limited have recently introduced a high performance polyamide textile calender roll cover to their range. Roll edge marking and web defects due to roll surface marking have been virtually eliminated, meaning greatly reduced quality defects and significant savings in production costs.

Syncast™ is a uniquely elastic, thermoplastic polymer that has been specially developed for textile calender rolls. Syncast™ roll covers are centrifugally cast at high speed (2000m/min), ensuring the expulsion of all air bubbles and impurities from the cover. Internal stresses are minimised as Syncast™ is cast at temperatures below the melting point of the polymer. Optimum molecule length gives the Syncast™ roll cover excellent elasticity and mark recovery, with minimum shape distortion. Syncast™ roll covers are fully annealed and ultrasonically checked, guaranteeing optimum quality and performance. ◆