

Comez: CLX/EL electronic needle loom

COMEZ CLX/EL - an innovative high efficiency electronic needle loom, protected by international patent, for weaving rigid and elastic ribbons will be displayed at Techtexsil 2009. This new machine derives from an exclusive Comez design, offering:

- ❖ The application of innovative electronics, with all-new hardware and software.
- ❖ A robust and compact structure that is easy to use and simplifies maintenance operations.
- ❖ Smooth operation with noise reduced to a minimum and complete absence of vibrations.
- ❖ High productivity and reliability.

Designed for the production of a wide range of plain and tubular ribbons, both rigid and elastic, intended for use in various fields for technical use. Worth a mentioning applications include the high

resistance and tenacity ribbons with compact structure, elastic bandages with "Leno" effect for medical use, ribbons with variable section.

COMEZ CLX/EL is fitted with the new SMART MATRIX CONTROLLER governing the latest generation of actuators. It manages all necessary machine functions, monitors production data and allows for the use of numerous electronically controlled devices (take-up system, feeders, etc.). This allows the CLX/EL loom to produce exclusive high quality ribbons not obtainable with other types of looms.

COMEZ CLX/EL needle loom is supplied in two versions, CLX/EL 500 (with 2 to 8 weaving heads) and CLX/EL 700 (with 2 to 12 weaving heads), and both come in several different types.

It is fitted with dobby unit with up to 20 heald frames, specifically designed to allow easy and precise heald frame adjust-



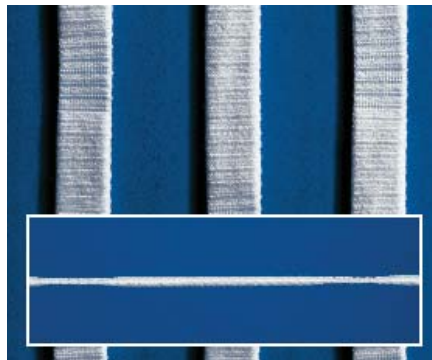
Electronic weaving needle loom Comez CLX-EL.

ment, and interchangeable weaving heads to facilitate width adjustments and variation of the number of ribbons produced.

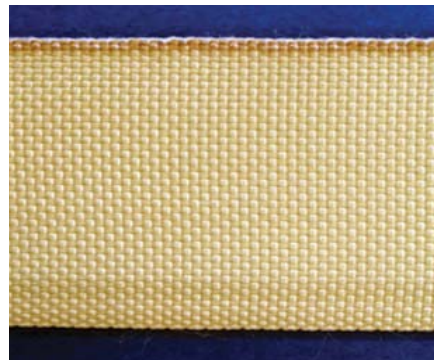
Besides a wide range of binding systems, a long series of optional devices is available: creels, beam carriers, modular positive unwinding units; feeders for weft and warp threads, catch threads, elastic threads, special yarns; various versions of ribbon take-up systems and finished product collectors. ♦



Tubular fabric made on Comez CLX-EL needle loom.



Ribbon with variable section made on Comez CLX-EL needle loom.



Kevlar ribbon made on Comez CLX-EL needle loom.

Monforts to highlight Montex Stenter

With its largest stand of 65 m² at Techtexsil in Frankfurt, June 16 – 18, A. Monforts Textilmaschinen will be exhibiting a working model of its Technical Textiles, Montex stenter at hall 3, booth FO1.



Operator servicing the tower.

Complete with all working features, the TT Montex Chamber offers a new concept of finishing for coatings and the technical textiles sector.

The Chamber will highlight its 4m long build compared with standard 3m long stenter chamber and designed to provide an absolute even temperature over the width and length of the dryer for coating processes.

A single gas burner or heating element and two ventilators per chamber therefore makes, for example, a coating line comprising three 4m chambers more economic than four 3m chambers. A specially developed nozzle system for coating applications will also be featured. Emphasis will also be given to the energy saving solutions

available with the latest generation of Monforts dyeing and finishing units.

These will include its integrated heat recovery modules and exhaust air cleaning units to reduce energy consumption and clean the exhaust air of thermo finishing ranges.

Where space may be a premium Monforts has introduced a 'stand alone' Energy Tower for retrofitting to existing stenters or hotflues with restricted access above the units.

Energy Towers have been designed to be positioned alongside the stenter or hot-flue and feature five integrated heat recovery modules. Capitalising on the high temperature of the exhaust air, savings of up to 30% in energy costs can be achieved. ♦