

## COMEZ: Advanced narrow fabric technology

COMEZ is active in advanced narrow fabric technology, offering a 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, passe-menterie, fancy yarns and fabrics for outerwear.

Four models will be presented, featuring the application of newly engineered solutions aimed at maximizing production efficiency and flexibility, and well highlight the COMEZ manufacturing technology.

### COMEZTRONIC CT-16B/600

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 sophisticated articles for underwear: high-quality laces, bra-straps and flounces, with elaborate patterns developed on very long repeats.

The electronic drive is applied not only to the weft bars, but to all the feeders (weft, warp, elastic yarns) and the finished product take-down, thus allowing for the possibility of different stitch density values (stitches/cm) on a single product, as well as different values for weft/warp feeding and elasticity.

The machine is fitted with the new generation DATA CONTROL CONTROLLER, managing all necessary machine functions, monitoring production data, and allowing for the realisation of lengthy pattern repeats: the number of lines for each pattern can reach a value that is just about unlimited. Patterns are programmed simply and quickly by COMEZ exclusive software, and transferred from a PC to the DATA CONTROL CONTROLLER using a COMPACT CARD.

Electronics applied to this COMEZ machine are exclusively created and entirely designed and developed by COMEZ.



Electronic crochet knitting machine - COMEZTRONIC CT-16B.

### COMEZ 609/B8

High efficiency crochet knitting machine, designed for the production of a wide range of laces, bands and ribbons featuring elaborate patterns, employed for lingerie and undergarments, sportswear and accessories.

The machine is built and designed using a modular system that allows for the easy application of a great many devices offered exclusively by COMEZ, completing the basic machine and providing very high versatility.

The COMEZ 609/B8 comes in several gauges, with a 600 mm working width, and is equipped with 8 weft bars, controlled by a chain composed of involute profiled links.

This is a reliable machine, featuring an advanced mechanical structure: it is the expression of COMEZ consolidated technology for the production of narrow fabrics in large quantities, performing at maximum operating speeds while requiring machine maintenance that is reduced to a bare minimum.

### COMEZ CLX/EL

Innovative high efficiency electronic needle loom for the production of a wide range of narrow fabrics, both rigid and elastic: laces, ribbons, articles for corsetry, plain and tubular ribbons for technical applications, etc.

It is fitted with the SMART MATRIX CONTROLLER which manages all necessary machine functions, monitors production

data and allows for the use of numerous electronically controlled devices (take-up system, feeders, etc.).

The CLX/EL has a dobby unit with up to 20 heald frames and 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.



Elastic laces made on machine COMEZTRONIC CT-16B.



Electronic jacquard weaving needle loom MCJ

### MCJ 700

Innovative high-performance electronic jacquard needle loom, designed for the production of a wide range of laces, ribbons, articles for corsetry, ribbons for technical applications, etc., all of which can be personalised with special inscriptions or intricate patterns.

The MCJ has a dobby unit with up to 14 heald frames and is supplied with jacquard device featuring 96 hooks (with 4 to 10 weaving heads), 192 hooks (with 4 to 8 weaving heads) and 384 hooks (with 4 to 8 weaving heads).

It is fitted with the new DATA CONTROL CONTROLLER, which manages all necessary machine functions, monitors production data and allows for the use of numerous electronically controlled devices (take-up system, feeders, etc.). The pattern is programmed by our exclusive COMEZ DRAW JACQUARD software: pattern data is transferred from a PC to the DATA CONTROL CONTROLLER on the machine by means of a COMPACT CARD.

Thanks to the electronic drive, on both needle looms the feeding of the weft and catch threads is very accurate and uniform, thus reducing the defects on the finished product and limiting the machine stop times: and all of this turns out into a significant increase of the loom efficiency and the possibility to produce exclusive high quality ribbons, with prestigious and exceptional patterns and finishing not obtainable with other types of looms.

Besides a wide range of binding systems, a long series of optional devices is available: creels, beam carriers, modular positive unwinding units; yarns feeders; various versions of ribbon take-up systems and finished product collectors and an innovative system for the heat setting of the ribbons. ♦