

# ONE PROJECT - TWO MODELS

**NESTOR** ELC



**NESTOR** ZLC



**ELC**

- ✓
- 2480 x 1040
- 1400
- ✓
- 11 x 2
- Tz-P20-Pu20
- ✓
- ✓
- 
- ✓
- Optional
- Optional
- LCD 17"
- Fixed
- Optional
- ✓
- Optional
- 6 bar
- (\*)
- 1700 ca.

**technical features**

- 2 colour high-bright projectors, high resolution
- Working area (mm)
- Maximum speed (mm/s)
- Sectorised 8,5 Kw pump
- Controlled vacuum zones
- Cutting head
- Oscillating tool, 18.000 vibrations/minute
- Pen
- 2 tangential controlled spinning punches
- 2 rotating punches (only)
- Tangential knife
- Pneumatic tool
- Monitor
- Control panel
- Gliding Disk
- Set of knives and notches
- Telecamera for the automatic nesting on the leather
- Pneumatic circuit
- Electrical feeding
- Weight (Kg)

**ZLC**

- ✓
- 2480 x 1040
- 1400
- ✓
- 20 x 2
- Tz-P20-NO+
- ✓
- ✓
- 
- ✓
- Optional
- Industrial 15"
- Sliding
- ✓
- ✓
- Optional
- 6 bar
- (\*)
- 1700 ca.

(\*) = 230 V +/-10% 50/60 Hz | 3x400 V +/-10% 50 Hz

Size [(L x W x H) 3,8 x 2,1 x 2,5 mt

**software features**

- |          |  |          |
|----------|--|----------|
| ✓        | Automatic nesting on synthetic materials           | ✓        |
| ✓        | Magnetic nesting                                   | ✓        |
| ✓        | Automatic anti-overcutting                         | ✓        |
| ✓        | Piece grouping with automatic graduation           | ✓        |
| ✓        | Management of working bills                        | ✓        |
| ✓        | Management of materials                            | ✓        |
| ✓        | Parametric import of DXF file                      | ✓        |
| Optional | Automatic nesting on leather with defect detection | Optional |

THE CHARACTERISTICS CAN BE MODIFIED WITHOUT PREVIOUS NOTICE



THE ANSWER TO ALL YOUR QUESTIONS

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# NESTOR

automatic cutting



- The automatic cutting system for the shoe and leathersgoods industries. High precision and high productivity for cutting leather, linings, sponge and synthetics.
- Powerful new software features improve the cutting performance.
- Wide working area, powerful vacuum system and multi-tool head.
- Now available with the new options for the automatic nesting on the Leather.



# NESTOR

advanced turbo-cutting system

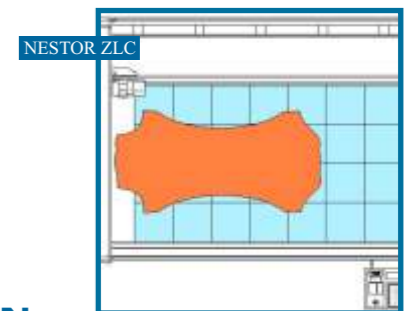
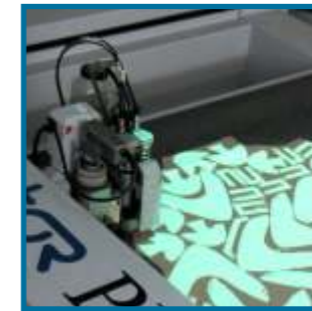


## NESTOR IS THE RIGHT CHOICE BECAUSE IT:

- SIGNIFICANTLY INCREASES PRODUCTIVITY OF LOW-SKILLED MANPOWER.
- IS IDEAL FOR ANY TYPE OF USE: PROTOTYPING, PRODUCTION, READY-TO-WEAR FASHION.
- REDUCES TIMES AND PRODUCTION COSTS, AS CUTTING DIES AND CARDBOARD TEMPLATES ARE NO LONGER NEEDED.
- MODIFIES, IN REAL TIME, THE PATTERNS ALREADY IN PRODUCTION, WITH NO ADDITIONAL COSTS OR DELAYS.
- REDUCES THE OVERALL PRODUCTION TIME BY MAKING THE PROCESS ERROR-PROOF.

## PROJECTION SYSTEM

A bright twin projection system guarantees perfect visibility on all materials. The use of two wide mirrors and two fixed projectors provides accuracy and constant precision of the projection. This makes it possible to exploit the central area of the table for cutting. Cutting 3 or more skins and rolls over 140 cm width is always possible.



## SOFTWARE

Piece nesting is controlled by the Nestor software,

which receives files directly from Shoemaster or from other CAD products through the standard DXF interface.

The programme is Windows 32-bit native (Win XP).

Thanks to its simple, yet powerful new functions, such as piece grouping, magnetic or automatic positioning, Nestor is easy to learn and can greatly improve the operators dexterity.

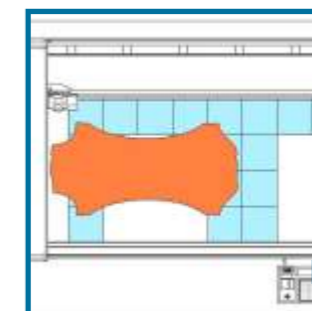
Nestor can be networked, both to a CAD system to instantaneously receive the patterns and to the company's management information system to automatically upload the production orders.

## SUCTION

The Nestor range is equipped with powerful vacuum systems that guarantee the best adhesion on all materials.

Nestor automatically and dynamically puts the vacuum in the "right" place at the "right" time.

Therefore maximising the yield of the vacuum pump (which is positioned inside a special embedded sound-proof box).



## MODULAR TOOL HEAD

The multiple-tool head includes: a knife, a pen, and 2 punches. Each tool has been developed to cut the materials used in shoe and

leather-goods industries and is the result of years of research by experienced and highly qualified engineers.

Thanks to this accumulated know-how, the oscillating knife reaches the frequency of 18.000 vibrations per minute, assuring unmatched cutting precision, speed and life of components.

All tools are interchangeable in a few seconds, i.e.: tangential knife or oscillating knife, punches of different sizes, pens in various colours. Also available, as an option, is a pneumatic knife for improved cutting of sponge materials (up to mm 25), or hard materials such as leather soles or resin soles.



## ERGONOMICS

Nestor has been designed according to European Safety Standards.

Photocells guarantee the safety of the operator, who can, therefore, comfortably and safely analyse the material during all phases.

The use of a cordless mouse, a wide colour liquid crystal display and the slope of the cutting table are all intended to create the best working conditions, that immediately result in an increase of productivity.

