

The industrial technique

Touch Screen Labelling Machine

**Xéna II**



The XENA labelling-machine is a monobloc adhesive labeller adapted to increased production rates for round and square products .

Its touch screen control panel and numerous functions with electrical adjustment make this labeller the ideal machine for adhesive labelling in packaging lines at 58 labels per minute.

## TOUCH SCREEN

The touch screen control panel, in addition to making adjustments extremely simple, also enables the data for each type of labelling format to be memorised.

Digital operation of the program from an optical fiber provides reliable, long-term application.

It also incorporates a products counter – countdown and termination of labelling at the end of the label strip (as an option).



## LABEL AND BACK-LABEL

- Independent motorised label applicators piloted by specific electronic systems guaranteeing label-to-product synchronisation
- Automatic adjustment of label width using fibre optics
- Electric adjustment of label-application height
- Angular adjustment of applicators for conical products (optional)

## THIRD LABELLING STATION

- Enables the application of a medal, a choker or a taxation strip
- Independent motorisation stations controlled by a specific electronic unit ensuring label / product synchrony
- Variable speed drive for label's output
- Electric height-adjustment for the stations
- Angular adjustment on two axes for conical products



## THERMAL TRANSFER CODING SYSTEM CODA 4025



- Printing Area 40 mm x 25 mm
- Light and efficient, the CODA 4025 allows for the printing of case lot numbers, expiration dates, wine-production dates and logos, on all types of labels
- 153 metre length ribbon
- Temperature control
- Saving-device for pigmented ribbon
- Capacity of transfer ribbon : 153 m x 40 mm

## CASE LOT NUMBERS BY INCISION



- Functions without ink or ribbon, by incision into paper using brass characters or numbered barrel
- Simple to use and maintenance-free, the ideal system for marking lot numbers
- Embossing area :  
6 characters of 2.5 mm

## TOP PRODUCT-PRESS FOR SQUARE PRODUCTS

- Synchronous with conveying speed, it allows for the maintenance of flat, square and egg-shaped products after their centring and until the end of the labelling cycle
- Electric height-adjustment of top product-press



## LABEL-PRINTING BY THERMAL TRANSFER



Computer-controlled printing system by integrated thermal transfer

- Reserve of already printed labels
- Definition : 300 dpi ( 12 dot )

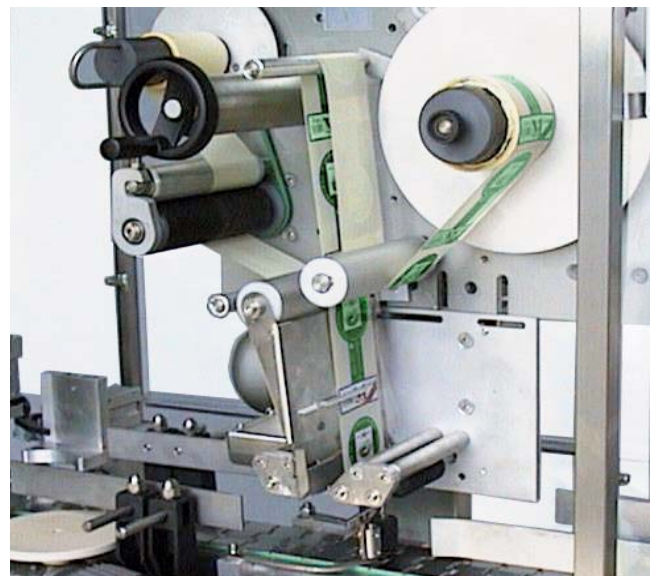
- Max. printing height : 298 mm
- Bar-code printing
- Delivered with PC driver ( without connecting cable, without PC or label-creation software )

## PRODUCTS ORIENTATION

- Mechanical orientation from bottle underside
- Optical orientation of already labelled bottles

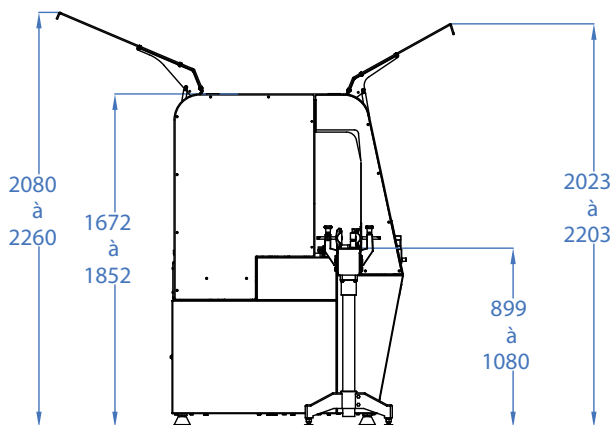
## LABELLING ON THE TOP

- Post for attaching labels on upper part of products
- Possibility of attaching a "three in one" label (front label, inviolability label and top label) thanks to the double traction self-steering system at label exit
- Electric adjustment of label height attachment
- Angular adjustment of labelling
- Maximum label width : 120 mm



## DESCRIPTION

- Labeller for installation on packaging lines, mounted on 4 feet
- Stainless-steel frame, CRAM safety protection conforming to  $\text{CE}$  standards
- Independent attachment head on stand with electrically-controlled height adjustment
- Automatic control of label widths by fibre optics
- Possibility of adaptation of 3 or 4 supplementary labeller
- Cylindrical product blockage during labelling by head mounted on pneumatic jack
- Top product-press for square (or flat) products with front
- Automatic labelling stoppage at the end of label reels
- Precision of label attachment controlled by optical signal
- Operational adjustment during labelling phase by touch screen panel display control permitting control storage related to each type of product and label
- Product counter and down-counter
- Modular conception. The machine can be fitted with any optional equipment during construction or at any moment on the customer's demand



## RATE

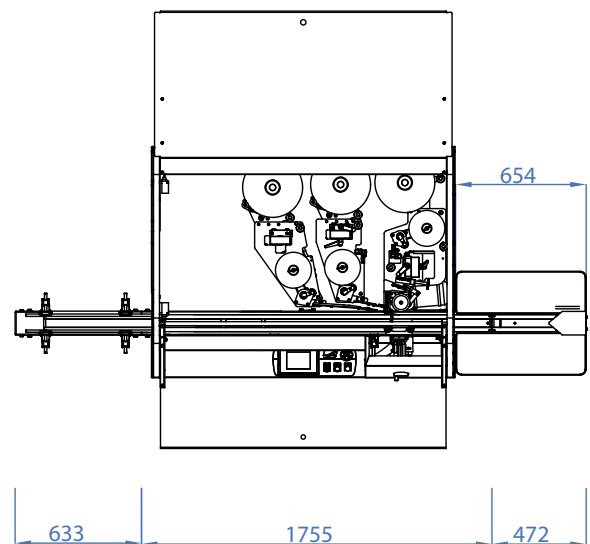
- From 800 to 3500 products / hour

## TECHNICAL CHARACTERISTICS

- Maximum label height : 170 mm (220 mm or 300 on demand )
- Electric supply : 380 volts + neutral + earth
- Pneumatic supply : 7 bars – 5 cubic metres
- Weight : 410 Kg

## OPTIONAL FITTINGS

- Products selection
- Back-label station
- Third label station
- Fourth label station
- Top label station
- Synchronous press for square products
- Inclination of labellers for conical products or for surrounding label-attachment
- Product orientation from the underside
- Optical orientation during labelling
- Case lot number marking
- Label printing
- Label smoothing inviolability
- Possibility of "no stop" labelling thanks to a stake in relay of labelling stations



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