

# Labelling machine

# GAIA II



Bottling technology  
[www.costral.fr](http://www.costral.fr)

# Gaia II



The pressure sensitiv labeller GAIA II combines a high quality capsule smoothing unit with our last generation of labelling stations. The «mixt» version combines the complete conditioning of both still wine and «champagne» wine bottles.

## THE CAPSULE SMOOTHER :

The perfect smoothing of aluminium, poly laminated or tin capsules needs a long treatment time. The use of an 8-rolls (each roll is mounted on a bearing) head and the special kinematic of up-and-down mouvement corresponds precisely to the requirements of capsule manufacturers. Also PVC caps can be thermoshrunked thanks to a interchangeable head fitted with an air blowing device. The capping device gives a perfect result up to 1700 bottles per hour.

The automatical cap dispenser is extremely reliable and very easy to set for each size of capsule. It is equipped with a high range magazine, with a double bottle neck centering device and with a cork absence detector.

The capsule is pushed on the bottle thanks to a pneumatical cylinder. The setting in height of the dispenser and the capping unit is synchronized thanks to one single handwheel. For the «champagne» caps, a pneumatical single head capper applies perfectly with 4 folds the long caps, after an optical orientation.

## THE LABELLING STATION :

The self adhesive labelling stations of the GAIA II represent our newest generation of equipments. This realisation is the issue of our long experience in the field of self-adhesive labelling and our big ability in innovation. It meets perfectly the requirements of modern bottle labelling. The new operation board with digital display allows an extreme simplification of the settings and also the memorizing of this settings for each typ of labelling, making easier the change from one bottle or from one label size to another. The preciseness and the reliability are guaranted by a micro-procesor and an optical coder. Also, the program comprises a counter and a de-counter of bottles and a automatical stop at band-end. The GAIA II can apply to 4 labels (front, back, neck, medal) simultaneously. Our original "neck label station" allows a perfect applying of traditionnal models without any setting. The label dispensing plates are equipped with an automatical setting device, totally undependant from the label size. Each station is simply settable in height thanks to a handwheel and also inclinable for labelling of conical bottles.

The fitting of a thermo-printer directly on the stations allows the marking of all variable mentions on the labels. Also bottles with the notch in their bottom and an incrustation can be very precisely orientated. A lot numbering device can be fited on the front label station.

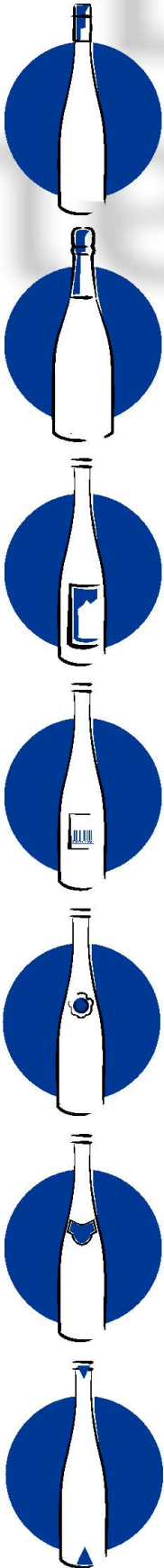
## SPEED :

Still wine : 1400 BPH

«Champagne» version : up to 1000 BPH

With option Elektrovariator : up to 1700 BPH

Without capping unit : to 2500 BPH



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