CDA
USA

LABELING & FILLING SYSTEMS

Ninon Vape

Automatic Labeling Machine

E liquid

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Automatic Labeling Machine
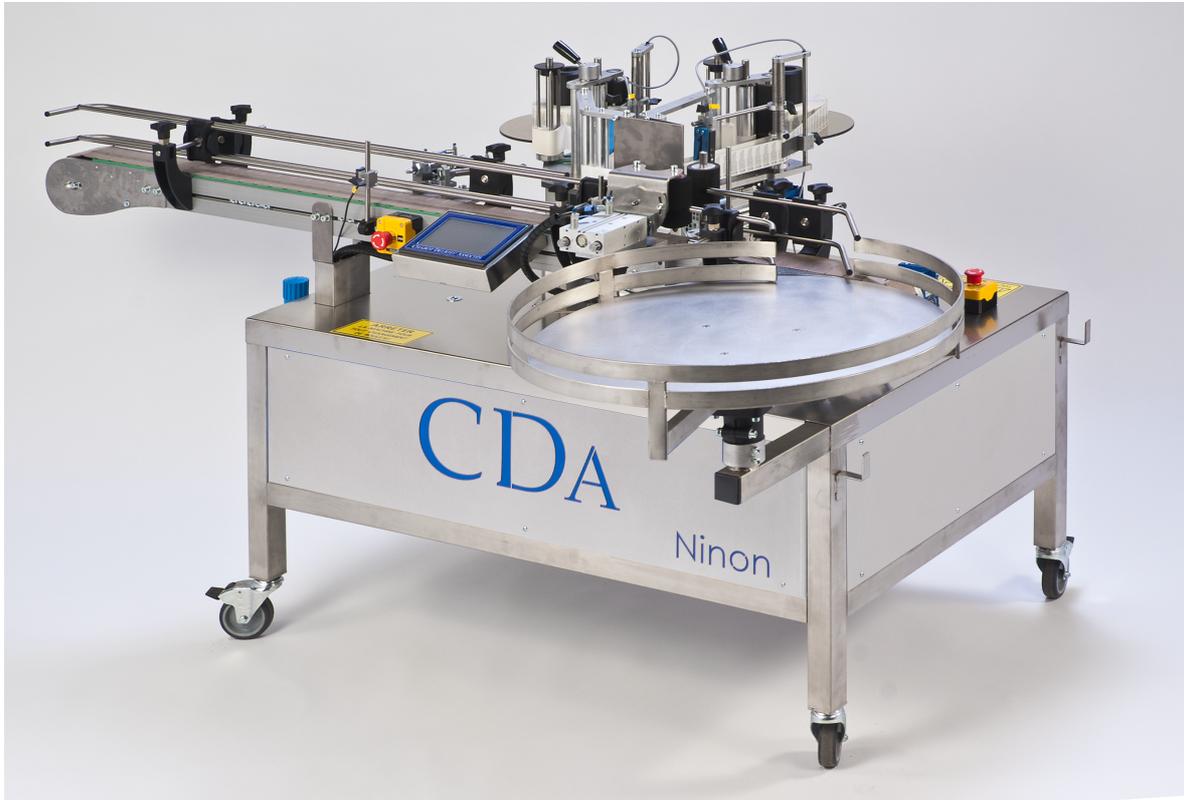
General Description

The Ninon Vape is an automatic labeling machine specifically developed by CDA for the e-liquid industry.

This machine can be set up for one or two labeling stations, enabling to place the principal label and the warning tactile.

It is adaptable to any bottle sizes (10mL, 30, mL, 60mL, etc) without requiring extra tool, and can reach a production rate up to 50 products/min (3000 bottles/hour).

This automatic labeling system can be easily integrated to a full conditioning line and seduces thanks to its ease of use and reliability.

Motorized conveyor

▸ Anodized aluminium extrusion, created by CDA; receiving an acetal slat band chain conveyor;

▸ The side guide bars are made of 12mm-diameter stainless steel;

▸ The motorized conveyor is fixed on a sealed stainless steel frame, into which the electrical boxes are incorporated.

Depending on the required configuration :

▸ A rotary receiving table is installed at the end of the conveyor;

▸ A square receiving table is installed at the output of the conveyor;

▸ A transfer system is installed at the end of the conveyor.

Labeling

▸ 1 or 2 stations to apply labels on cylindrical products;

▸ The label strip is driven by asynchronous electric motors, the speed of which are controlled by flux vector variable speed drives;

▸ The labeling heads are mounted on pneumatic cylinders with the label application height controlled electrically;

▸ The label application height is set via the touchscreen;

▸ Nominal label/back label application speed: 50 products/minute depending on the diameter and application type;

▸ The position of the labels can be adjusted and the label positions can be stored using the touchscreen.

Touchscreen

▸ Validation area;

▸ Navigation keys areas;

▸ Product counter area;

▸ Label position adjustment:

▸ Determination of the production rates and timer adjustments;

▸ Storage of 50 label positions;

▸ Adjustment of labeling heights;

▸ Error detection and self-diagnostics.
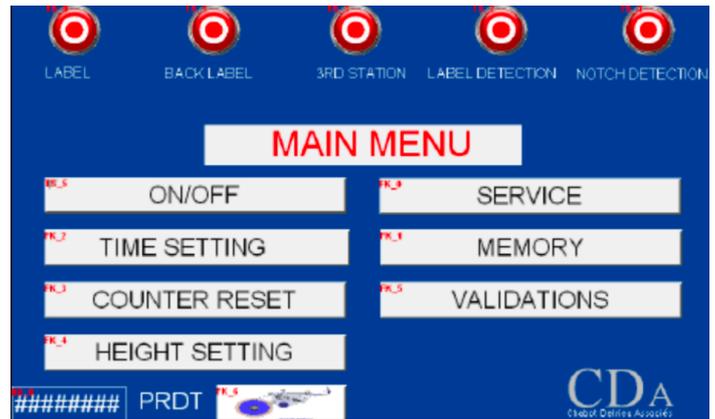
Options

▸ Thermal transfer marking;

▸ Label detector cell to apply an additional label on products that have already been labelled;

▸ Notch detector cell to position labels on notched products;

▸ Conveyor extension;

▸ Inkjet marking on labels;

▸ Ultrasonic label detector cell for transparent labels;

▸ Stack light alarm system;

▸ System to detect the end of the label reel;

▸ System to detect a missing label on the support to be labelled.

Dimensions of the label rolls

A – Inside diameter: 75 mm

B – Max. outside diameter: 260 mm

C – Max. band height: 160 mm (or more on demand)

D – Space between labels: 3-5 mm
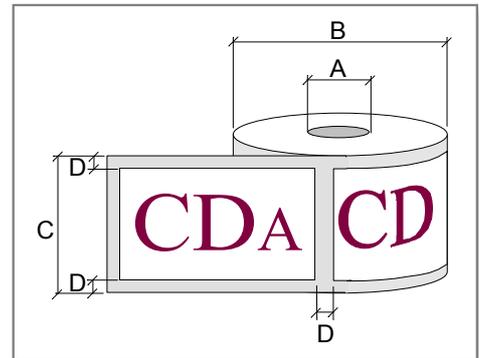
‣ Winding direction : Left Out

Minimal paper quality : 90g.

Nota: The rolls have to be stored in a dry place between 15°C and 18°C.

Machine delivered with EC Standards.

Non contractual documents.

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