



CHABOT DELRIEU ASSOCIÉS

Ninon Side

Automatic Labelling Machine

Food Industry - Chemistry - Cosmetic -
Detergency - Painting - Pharmacy

Ninon Side

Automatic Labelling Machine



General Description

The Ninon Side combines the quality of the three points labelling technique to a production rate reaching up to 60 products/minute. With up to 2 parallel labeling stations, the Ninon Side enables to label the sides of square, rectangular, and ovalized products.

Equipped machine

Motorized conveyor

- ▶ Anodised aluminium profile, created by CDA; receiving an acetal slate band conveyor, width 82,5 mm ; double conveyor if required by the dimensions of the product to be labelled;
- ▶ Adjustable stainless steel guides, diameter 12mm are adjustable to allow the passage of products from 30 up to 140 mm width on a single conveyor – from 30 up to 180 mm width on a double conveyor;
- ▶ The motorized conveyor is built on a stainless steel frame, outfitted with side panels in which the electrics & electronics are integrated. It is built on wheels or on adjustable feet;
- ▶ A pneumatic selection system is installed at the inlet of the conveyor, outfitted with one or two cylinders according to product size.

According to required outfit:

- ▶ A large rotating reception table Ø 700 mm is built at the outlet of the conveyor to recollect the labelled products;
- ▶ A square reception table is built at the outlet of the conveyor;
- ▶ A transfer system is built at the end of the conveyor.

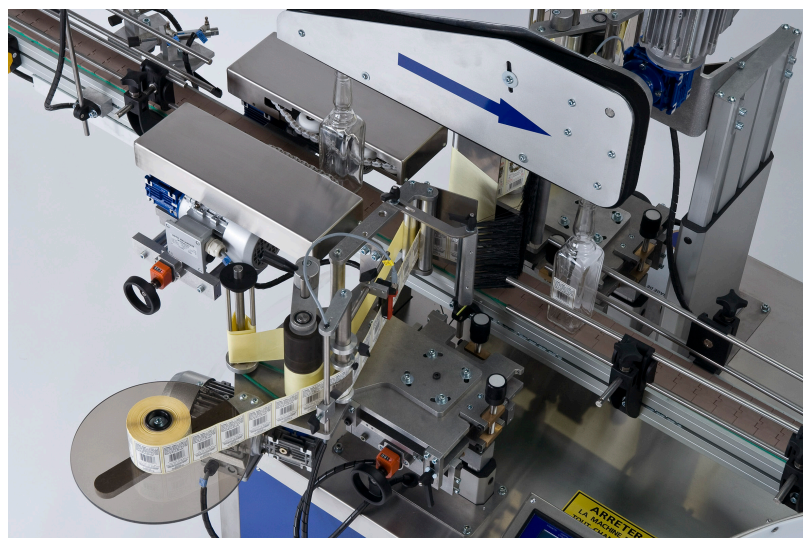


LABELLING

- ▶ One labelling station to apply labels on a flat sided or slightly oval products including:
 - ▶ One label dispenser for front labels, adjustable in height and width. Width adjustment stroke: 75 mm. For products from 30 mm to 140 mm width ;
 - ▶ One label dispenser for back labels, adjustable in height and width. Width adjustment stroke: 75 mm. for products from 30 mm to 140 mm width;
- ▶ A motorized belt conveyor built on a motorized lift is installed above the labelling station to stabilize the products when being labelled;
- ▶ The label dispensers are outfitted with asynchronous motors regulated by frequency converters ;
- ▶ All label dispensers are built on motorized up & down lifts to adjust the labelling height;
- ▶ The labelling height is adjusted through the digital display;
- ▶ Réglage de la hauteur de pose via l'écran tactile ; Label height from 8 to 300 mm;
- ▶ Adjustment and memorizing of the label positioning through the digital display.

According to required outfit:

- ▶ Label output speed: 13,4 meters per minute;
- ▶ Label output speed: 26,8 meters per minute.



DIGITAL DISPLAY

- ▶ Validation zones ;
- ▶ Adjustment settings ;
- ▶ Bottle counter ;
- ▶ Label positioning ;
- ▶ Regulation of production rate and process timing ;
- ▶ Positioning memorizing – 50 positions ;
- ▶ Labelling height adjustment;
- ▶ Process error detection and self-diagnosis.

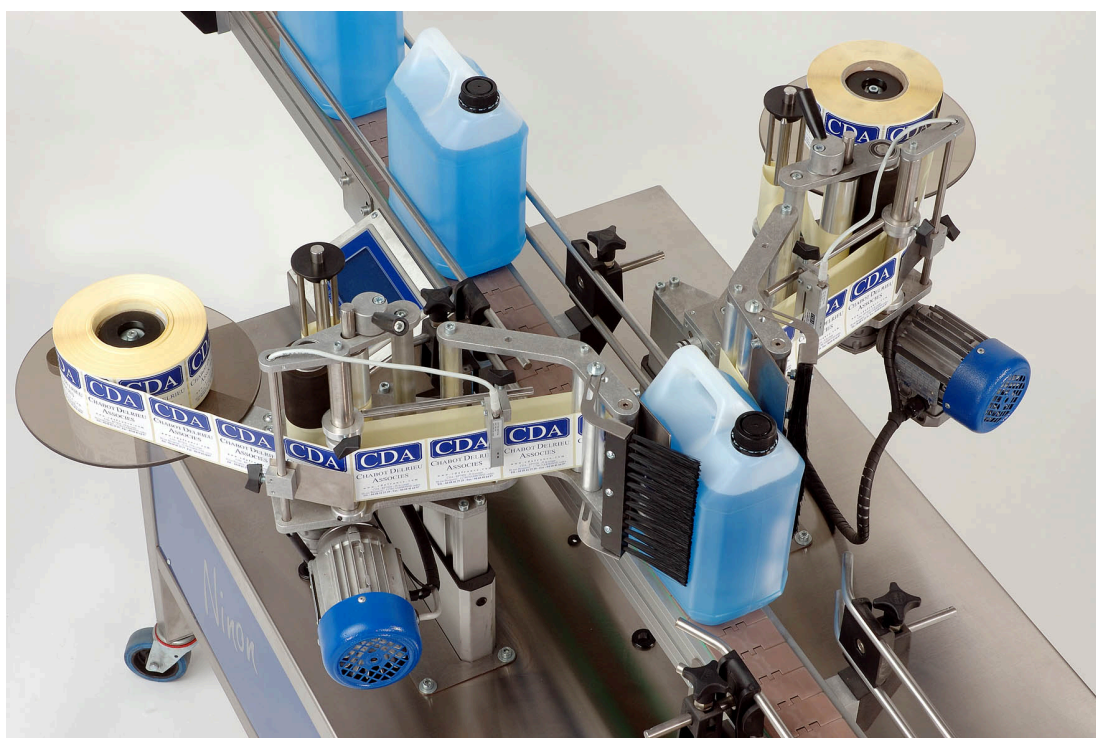


OPTIONS

- ▶ Lot marking with hot foil coder ;
- ▶ Additional conveyor length ;
- ▶ Ink jet lot marker ;
- ▶ Ultrasonic label detection sensor for transparent labels ;
- ▶ Clutched support plate for heavy label reels ;
- ▶ Swivelling tables on labelling station ;
- ▶ System to realign the products before labelling ;
- ▶ Band conveyor for wide products (cases, trays...) ;
- ▶ System to flip a label over the side of a product ;
- ▶ Alarm light mast to notify dysfunctions ;
- ▶ Sensor to detect the end of the label roll ;
- ▶ Detection sensor to detect a missing label on the product to be labelled.

Technical description

Performance	Up to 60 products/minute
Approximate weight in kgs	250 kgs
Machine height	1080 mm
Machine length	2809 mm (depending on configuration)
Machine width	1743 mm
Conveyor height	925 mm
Control	By digital display
Absorbed power	2kw
Power supply	380 V ~ 50/60 Hz 16A 3 Phases + Neutral + Ground 16A
Air consumption	6 m3 / hour maxi at 6 bars - Dry air non lubricated



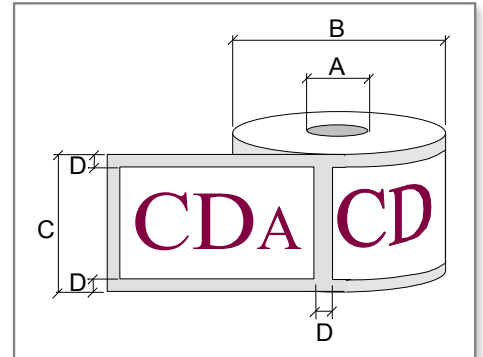
Dimensions of the label rolls

A – Inside diameter: 75 mm

B – Outside max 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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