



LABELING & FILLING SYSTEMS

# Ninon Tapered

Automatic Labeling Machine

Food Industry - Chemistry - Cosmetic -  
Detergency - Painting

# Ninon Tapered

## Automatic Labeling Machine



### General description

The Ninon Tapered allows to apply labels on all your conical products (pots, bottles, cans, buckets) with cadences able to reach 30 products/minute. It adapts to different product formats simply and efficiently, without the need for any hardware change. This machine is appreciated for its ease of use and its consistent labeling accuracy.

# According to options, machine outfitted with

## Motorized conveyer

- ▶ Anodized aluminium profile created by CDA; receiving an acetal slate band conveyer width 82.5mm (3.25"); double conveyer if required by the dimensions of the product to be labeled;
- ▶ Adjustable stainless steel guides, diameter 12mm (1/2 "), are adjustable to allow the passage of products up to 110mm (4.3") diameter on single conveyer, 220mm (8.6") on double conveyer;
- ▶ The motorized conveyer is built on a stainless steel frame, outfitted with blue side panels in which the electrics & electronics is integrated. It is built on wheels or on adjustable feet;
- ▶ A pneumatic selection system is installed at the inlet of the conveyer, outfitted with one or two cylinders according to product size.

## According to required outfit:

- ▶ A rotating accumulation table (700 mm / 27.56") is installed at the outlet of the conveyer ;
- ▶ A transfer system is installed at the end of the conveyer.



# Labeling

One labeling station to apply labels on tapered products – pails including: :

- One label dispenser built on a ball-and-socket joint enabling the adjustment of the label output angle;
- The outfit that rotates the product and applies the label especially adapted to its conicity ;
- A special sensor to ensure the positioning of the label according to the handle.
- 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 labeling height;
- The labeling height is adjusted through the digital display;
- Labeling height from 8 to 300 mm;
- Standard label height from 8 to 160mm (1/3” to 6.3”) – option up to 300 mm (11.8”);
- Adjustment and memorizing of the label positioning through the digital display ;
- Label output speed: 13.4 meters per minute (44 feet/min).

## Digital Display

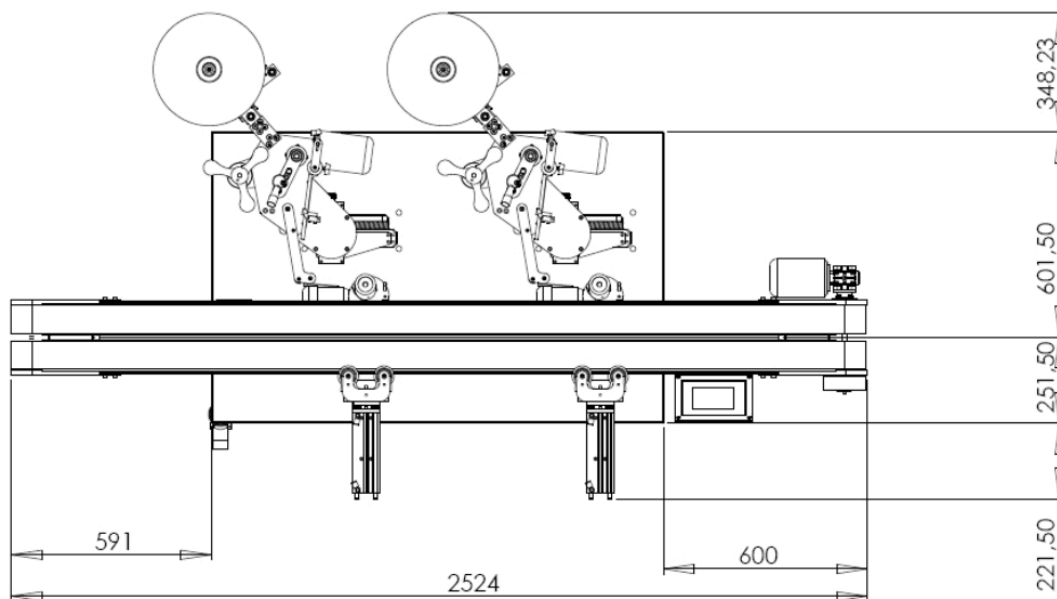
- ▶ Validation zones;
- ▶ Adjustment settings;
- ▶ Bottle counter ;
- ▶ Label positioning ;
- ▶ Regulation of production rate and process timing ;
- ▶ Positioning memorizing – 50 positions ;
- ▶ Labeling height adjustment ;
- ▶ Process error detection and diagnosis.

## Options

- ▶ A detection cell to apply an additional label on already labeled products ;
- ▶ A vision camera to detect designs or shapes ;
- ▶ Additional conveyor length ;
- ▶ Ink jet lot marker ;
- ▶ Ultrasonic label detection sensor for transparent labels ;
- ▶ Front and back label from the same roll ;
- ▶ Clutched support plate for heavy label reels ;
- ▶ 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 labeled .



## Schematic Ninon Konic



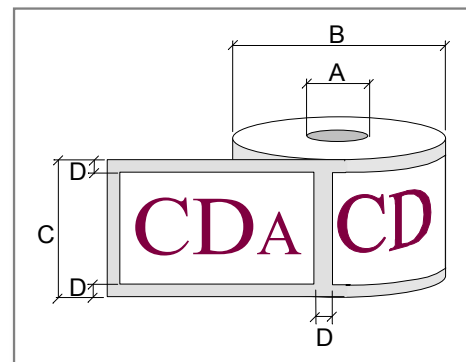
## Dimensions of the label rolls

A - Inside diameter: 75 mm (2.95 inches)

B - Outside max diameter: 260 mm (10.24 inches)

C - Max. band height: 160 mm (6.30 inches)

D - Space between labels: 3-5 mm (0.12-0.20 inches)



► Winding Direction : Left Out

Minimal paper quality : 90g (3.12 oz).

Nota: The rolls have to be stored in a dry place between 15°C and 18°C (59°F and 65°F).

Machine delivered with EC Standards.

Non contractual documents.



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