

Ninette 1

Semi-automatic labelling machine for cylindrical products

Semi-automatic adhesive labeller – Applies up to 2 labels (if front and back labels are on the same roll) on cylindrical products (glass, PET, PVC).

Machine adapted to cylindrical formats with a diameter between 45 mm and 200 mm without additional tools.



The Ninette 1 is a semi-automatic labeller equipped with :

- A labelling station suitable for cylindrical products. The minimum labelling height is 5 mm, and the maximum is 190 mm (standard, more if optional). The height of the label application is adjusted manually by changing the height of the label plate.
- A 76 mm (standard) or 40 mm (optional) core on which the label roll is placed. This label roll is designed for a left-hand outer winding direction.
- A product detection sensor for automatic label application.
- A set of rollers for labelling a range of products with diameters between 45 mm and 145 mm (standard, more if optional).
- A touch screen to control and adjust the machine as well as a daily product counter.

Available options

- A stainless steel chassis with wheels to move the machine easily.
- An increase in the height of the labelling station.
This option allows you to increase the maximum labelling height to 290mm (compared to 190mm in standard).
- A Mini Kit for labelling small cylindrical products (diameter between 20mm and 45mm) or light products.
- The machining of the rollers for the rotation of the products.
Some products require this option to be correctly labelled: tests are carried out in our workshop to confirm this.
- A program to apply labels and back labels on the same roll.
- A marker / coder to apply a DLC, a barcode, etc...
- A registering sensor to align the label with a notch, a weld, etc.
- An ultrasound sensor. (cf *Technical focus n°7*)
- A label registration sensor.
- Pneumatic device to stabilize the container.

This machine is upgradeable: the above options can be added at the customer's premises with the intervention of a technician.

Limits of Ninette 1

- Conical products
- Products with a diameter greater than 200 mm and a height of 390 mm

Technical characteristics Ninette 1 Standard

APPROXIMATE MASS (KG)	48 kg with frame
DIMENSIONS (WITH FRAME)	651mm in width 1112mm in height 618mm of depth
POWER CONSUMPTION	1 kW
SUPPLY VOLTAGE	220 V mono
FREQUENCY	~ 50 Hz 16 A
CONTROL	by tactile screen
IDEAL OPERATING TEMPERATURE	from 10°C to 30°C

Please note that this machine requires an electrical and pneumatic power supply

Technical focus n°1

PRESCRIBED LABELLING

For perfect label application, we recommend labelling filled products.

Technical focus n°2

PNEUMATIC / ELECTRICAL CONNECTION

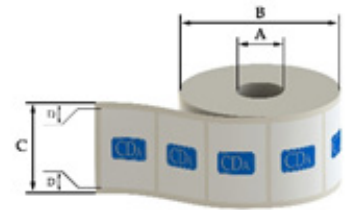
Electrical connection: 1 Cable 220 volts - length 3 metres - Domestic socket.

Technical focus n°3

ROLLING DIRECTION: OUTSIDE LEFT

The machine is designed for label rolls with a left-hand outer winding direction. In addition, the dimensions of the rolls must be as follows:

- a : max. chuck diameter = 76 mm
- b : max. coil diameter = 260 mm
- c : max. labelling height = 190 mm (290 mm en option)
- d : label gap = 3-5 mm



Minimum quality of the tape used : 90 g

Important : Label reels should be stored in a dry place between 15°C and 18°C

Technical Focus 4

TACTILE SCREEN

The colour touch screen allows easy adjustment of several parameters such as:

- Label station and option selection.
- Timer settings (label output, spacing).
- Daily product counter

Technical focus n°5

MACHINED ROLLERS (optional)

If one of your products to be labelled has protrusions (such as a can), the use of machined rolls may be essential.

Technical focus n°6

MINI KIT (optional)

The Mini Kit can be used to label small cylindrical bottles (diameter between 25 mm and 45 mm) or light products.

Technical focus n°7

ULTRASONIC sensor (optional)

The ultrasonic label gap detection sensor is used to detect labels and transparent media. If you have transparent labels, this option is mandatory for the proper operation of the machine. In addition to detecting transparent labels, this sensor also detects opaque labels.

Technical focus n°8

LABEL DETECTION SENSOR (optional)

The «label detection sensor» allows a label application onto a bottle already labelled (a back label, a medal, etc.).

