

# VSA

## Automatic screwdriver

Machine can integrate up to 2 screwing stations

The cap or the pump are manually placed by an operator with a pre-setting then automatically screwed by the screwing machine.

Operation in total autonomy, or possibility of assembly with other machines in parallel transfer or transfer bands.



## The VSA is an automatic capping machine equipped with :

- All stainless steel frame with 2000 mm motorized conveyor (in minimum configuration, 1 station), 82.5 mm wide acetal pallet chain.
- Electrical box with programming of capping time and other timings.
- A jar/bottle detection and stopping device for manual capping with a capping presence control sensor.
- A device for detecting and stopping products under the capping head, with a pneumatic symmetrical centring device equipped with various centring V holders.
- 2 places are provided to equip the VSA with up to 2 capping stations.
- Machine complies with CE standards.

## Available options

- An automatic product feeding system (cylindrical or rectangular feeding table, transfer plate, etc.).
- A wider conveyor option (114mm or 190mm).
- A VS400 capping machine.
- A VS500 capping machine.
- A pneumatic pushing station.
- Crimping machine.
- An automatic product infeed system at the machine entrance (independent cylindrical feeding table, rectangular feeding table, transfer plate, etc.)
- An automatic product accumulation system at the machine exit (independent cylindrical accumulation table, rectangular, a transfer plate...).

*Before placing an order, we can carry out tests free of charge to ensure the feasibility of your project. Please do not hesitate to contact us!*

## Technical characteristics VSA

APPROXIMATE MASS (LBS)	210 kg (depending on option)
DIMENSIONS (WITH FRAME)	722 mm in width 1592 mm in height 2211 mm of depth
POWER CONSUMPTION	1 kW
POWER SUPPLY	220 V mono
FREQUENCY	~ 50 Hz 16 A
CONTROL	by touch screen
PNEUMATIC SUPPLY	6 bars
PNEUMATIC CONSUMPTION	10 m3/h sous 6 bars (to be validated according to the options)

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

## Technical focus n°1

### *PNEUMATIC / ELECTRICAL CONNECTION*

Pneumatic connection: 1 air connection on pressure gauge - Under 6 bars constant (Hose to be provided Ø Int/Ext = 8/10 mm).

Electrical connection: 1 Cable 208-250 volts single phase - length 18 feet - Plug to be supplied according to your wall outlet.

## Technical Focus n°2

### *DIGITAL DISPLAY*

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

Label station and option selection.

Times settings

Daily product counter

## Technical Focus n°3

### *VS400*

VS400 capping station including:

- A product detection and stopping device for manual cap placement with a cap presence control sensor
- A product detection and stopping device under the capping head, with a pneumatic cylinder with a «V» tip and anti-rotation plate
- Capping machine with (or without) electric height adjustment equipped with a capping head for one cap format

## Technical focus n°4

### *VS500*

VS500 capping station including:

- A can detection and stopping device for manual capping with a capping presence control cell
- A pot detection and stopping device under the capping head, with a pneumatic cylinder with a «V» tip and anti-rotation plate
- Tightening of the pump/caps with two belts (lateral movement of the belts)
- Tightening torque and capping height adjustment

## Technical focus n°5

### *PNEUMATIC PUSHER*

Pushing station including:

- A bottle detection and stopping device for manual cap placement
- Cap presence control cell
- A bottle detection and stopping device under the driving head, with pneumatic cylinder and V centering
- A height-adjustable pneumatic cylinder to push the cap onto the neck of the bottle

## Technical focus n°6

### CRIMPING

Crimping station including:

- Vial locking system with pneumatically guided cylinder with cylinder head adapted to the product
- Crimping system on electrically height adjustable double guide
- Crimping unit mounted on pneumatic cylinder
- Crimping head adapted to the geometry of your cap (diameter, height, etc.)
- Crimping station can be dismantled

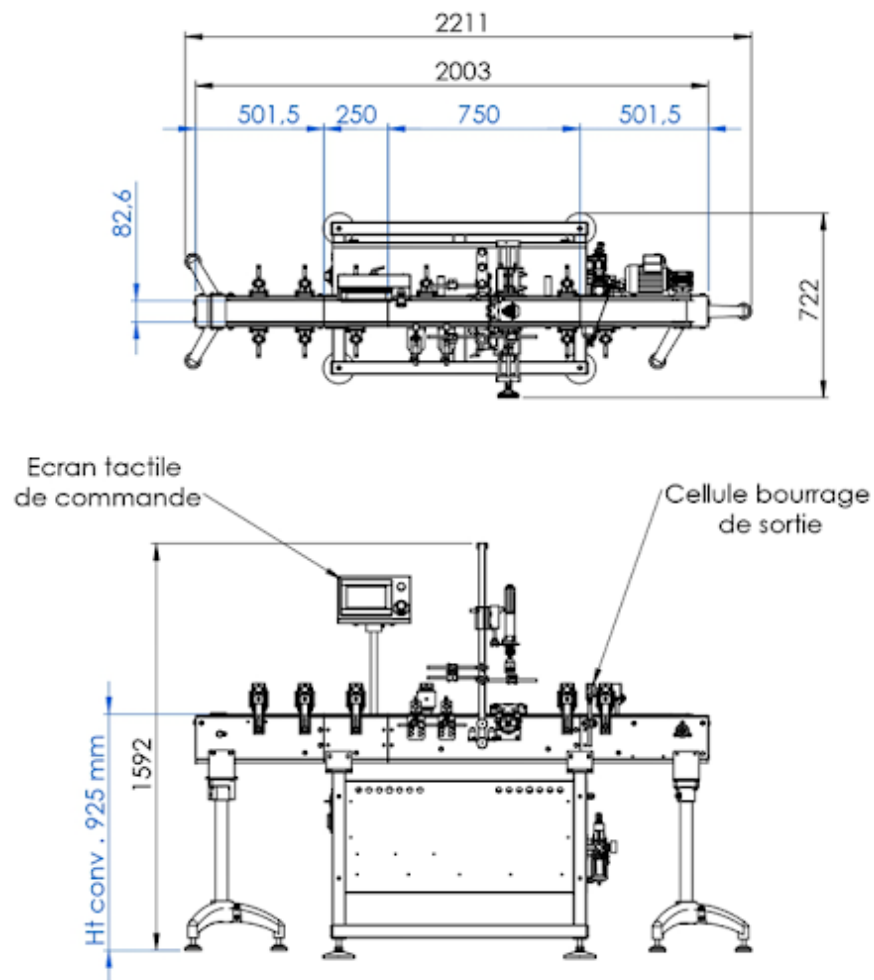
## Technical Focus n°7

### INDEPENDENT FEEDING / ACCUMULATION TABLE

This table is installed at the entrance of the line to feed the bottles.

Independent feeding table ( $\emptyset 27.5'' = 700\text{mm}$  /  $\emptyset 40'' = 1000\text{mm}$ ). It is equipped with :

- PEHD strapping
- A variable frequency driver to modulate the speed of rotation
- A guide (adjustable) to bring the products to the entrance of the conveyor
- Jam sensor



*Photos, prices and descriptions are indicative and non-contractual.*