

VS2000

Enclosed automatic feeding and screwing machine

Output of 1,200 to 1,400 caps/hour.



The VS2000 is an automatic capping machine equipped with :

- Stainless steel frame with «Sécurit» glass enclosure
- Stainless steel control panel with touch screen
- A motorised stainless steel conveyor length: 3000 mm fitted with an acetal pallet chain width: 82.6 mm / 114.3 / 190.5
- A cork lift to feed the vibrating bowl
- Automatic dispenser positioned on the side of the infeed screw-capper
- Caps fed by conveyor belt with cap presence sensor
- Electrical height adjustment of bowl and horizontal conveyor
- Drawer device for transferring caps to the screwing head
- Bottle-locking system using a pneumatically guided cylinder with cylinder head adapted to the product and position indicator for format changeover
- Brushless motorised screwdriver
- Tightening torque adjustment via touch screen
- The speed of rotation of the screwdriving head and the movements can be set and stored on the touch screen
- Screwdriving unit fitted with 3-finger pliers or pin head, depending on cap model
- Screwing unit mounted on an electric piston
- “No-jam” sensor to stop the screwer if bottles accumulate on the output conveyor
- Machine complies with CE standards.

Available options

- An automatic product infeed system (cylindrical or rectangular infeed table, transfer plate, etc.).
- Increased conveyor width (114mm / 190mm).
- An additional gripper for each cap size.
- A stainless steel tank for the vibrating bowl.
- An automatic recollection system for products leaving the machine (cylindrical or rectangular reception table, transfer plate, etc.).

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 VS2000

APPROXIMATE MASS (LBS)	400 kg (depending option)
DIMENSIONS (WITH FRAME)	1000 mm in width 2000 mm in height 2000 mm of depth
POWER CONSUMPTION	1 kW
POWER SUPPLY	220 V mono
FREQUENCY	~ 50 Hz 16 A
CONTROL	by touch 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

PNEUMATIC / ELECTRICAL CONNECTION

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

Electrical connection: 1 Cable 220-230 volts single phase - length 6m - domestic plug

Technical Focus n°2

DIGITAL DISPLAY

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

- Timer settings
- Daily product counter
- Selection of screwdriver components

Technical Focus n°3

CAP PUSHING

Cap pushing station including:

- A bottle detection and stop device for manual capping
- Cap presence control unit
- A bottle detection and stopping device under the driving head, with pneumatic actuator and centring V
- A height-adjustable pneumatic cylinder to press the cap onto the neck of the bottle

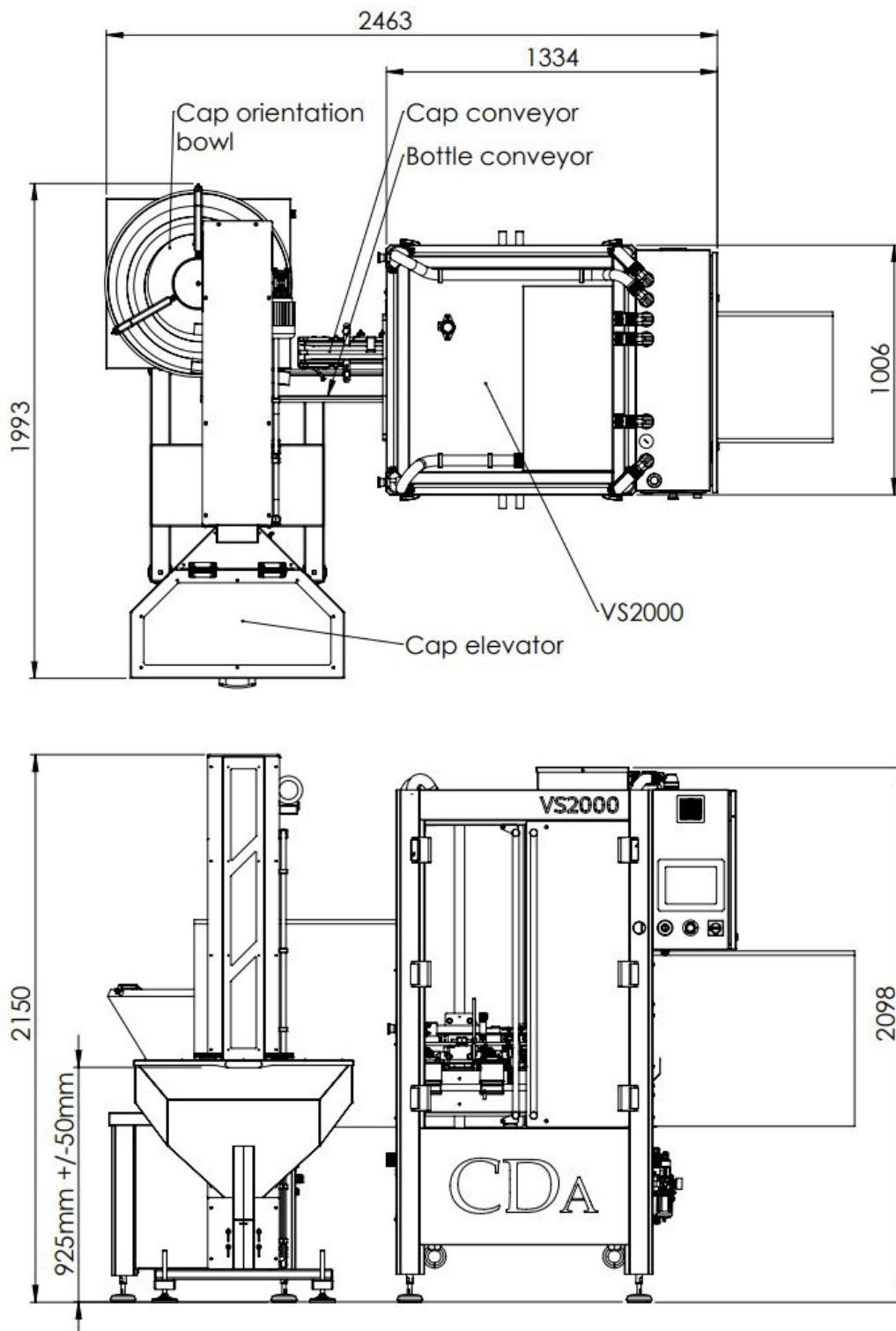
Technical focus n°4

INDEPENDENT FEEDING / RECEPTION TABLE (for cylindrical bottles only)

This table is installed at the entrance to the line to deposit the bottles.

Independent feed table (\emptyset 700mm / \emptyset 1000mm). It is equipped with :

- HDPE railing
- A frequency inverter to modulate rotation speed
- A guide (adjustable) to bring the products to the conveyor entrance
- "No jam" sensor



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