



# VIRGO PLUS

## PLACING TECHNOLOGY

ROBOT AUTOMATIC MULTICOMPONENT PLACING MACHINE

VIRGO PLUS is a multiplacing machine that uses robots to make fast and reliable fitting operations. The robots guarantee the best compromise between speed and accuracy.



VIRGO PLUS can be equipped with 2 SCARA ROBOTS able to make high speed movement for components placing.

The maximum speed achieved is 60 cpm with single placing heads.

All the settings, including movement and speed, are set by an easy and intuitive HMI.

VIRGO PLUS is provided with 18 positions and can be installed in line in all types of conveyors, even in existing layout.

The machine has a strong base to be steady during the high acceleration movements.

The robots are able to rotate and mount all the types of components, actuators, caps, and can be equipped with vision system to rotate the components according to the cans position.

This machine doesn't need any height adjustments as the robots are controlled by the selected recipe according to the type of cans.



## FEATURES

- Nickel plated steel frame.
- Protection guards with transparent panels and interlocked switches: the operator can open the machine doors only if the machine is stopped and in safe conditions
- 18-position star-wheel
- Brushless motor to move central star-wheel
- ATEX execution as optional
- ON BOARD Electro-pneumatic system
- ON BOARD Electrical cabinet containing PLC
- LCD touch screen monitor connected to PLC.

## PARAMETERS

- Starting position x, y, z, r
- Ending position x, y, z, r
- Accuracy of the position
- Acceleration of the movement
- Limit of the movement
- Limit of the force



➤ NASAL SPRAY PLACING AND ORIENTING CHUTE



➤ HMI TOUCH DISPLAY

