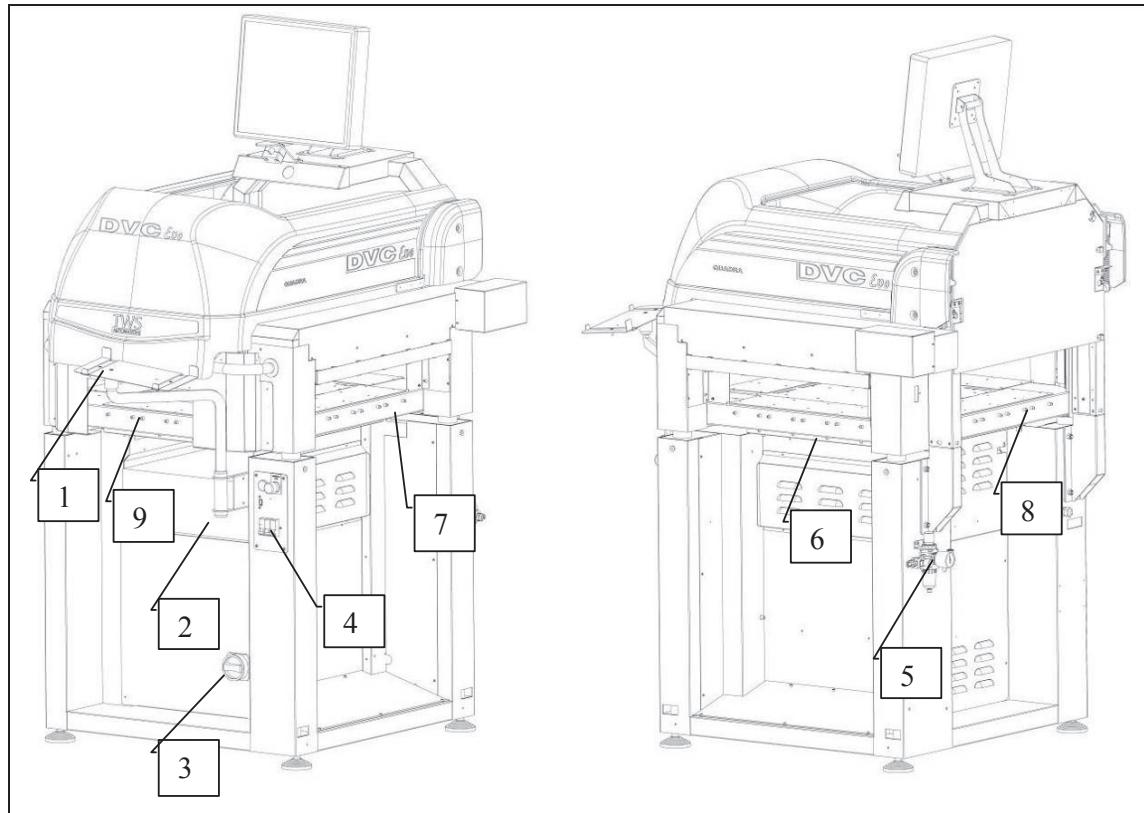


1 DESCRIPTION



1	Keyboard bracket
2	PC Switch
3	Main Power Switch
4	Magnetothermic switch (ON/OFF)
5	Main air connection
6	Feeder banks position
7	Feeder banks position
8	Feeder banks position
9	Feeder banks position

1.1 TECHNICAL SPECIFICATIONS

1.1.1 Components Range

- Chip components starting from size 0201
- Cylindrical components like MELF and MINI-MELF
- SOT diodes and transistors
- Integrated circuits up to 40 mm side
- Integrated circuits with 0.5 mm pitch
- Trimmer, inductors and aluminum electrolytic capacitors

1.1.2 Feeders

8mm Tapes

Quantity: 120

Pocket max depth: 6.5mm

Max reels size: 13"

12,16,24,32,44 mm Tapes

Quantity: fino ad allocare i mm di nastro disponibili ($120 \times 8 = 960$ mm)

Pocket max depth: 10.5mm

Feeder for components in stick

Format: all formats

Quantity: to allocate available space (max quantity: 90 units with 15mm size)

Feeder for LED through hole

Specifications: please contact distributor or TWS Automation

Trays

Quantity: dependent on the available space on the worktop

1.1.3 Placement Head

The unit is supplied with a two-nozzle optical centring head which can handle components with a max size of approx 13mm (on-fly centering system). Bigger components are handled by the external centering camera.

1.1.4 Working Area

The normal working area is 440 x 360 mm that can be expanded up to 550 x 420mm not fitting out the feeder banks on three sides. The size of 550 mm is obtained not mounting the feeder banks placed on the operator side and on the opposite side.

1.1.5 Resolution, Repeatability and Accuracy

	Axes XY (mm)	Theta Rotation (°)
Resolution	0.01	0.09
Repeatability	$\pm 0.06 @ 3 \sigma$	± 0.18
Accuracy	$\pm 0.10 @ 3 \sigma$	± 0.18

1.1.6 Productivity

Max: approx 4400 cph

Average: approx 3500 cph

1.1.7 Noise

Average value: 65 dBA

Peak value: 90 dBA

Measuring position: 1 meter from Quadra and 1,6 meter from the ground.

1.1.8 Power supply

The unit works with AC 220 Volts $\pm 10\%$, 50/60 Hz. Power consumption is less than 1 kW.
Air: 8 – 10 bar “cleaned”, 60 liter/min.

1.1.9 Dimension and weight

Width x Length x Height: 950 x 1080 x 1800 mm

Weight: 215 kg

