



DVBE SRL
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Brand owned



In collaboration with

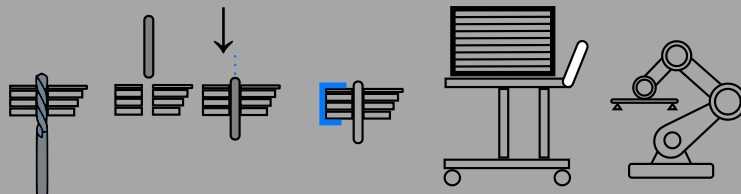


Mach3 Lab
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MODEL:

OCTOPUS DRILLING-PINNING-TAPING

Automatic machine for processing multilayer PCBs
Pin Ø 3/3.17/4/5mm version



OCTOPUS

Automatic drilling/pinning and taping.

Pack rotation system for taping on 2 or 4 sides

Automatic unloading onto a trolley with panel rotation

It is equipped with a vibrator for automatically inserting pins into pre-existing holes.

Drilling and pinning unit (1 left, 1 right).

Pin length: 18 - 20 mm / (0,70" - 0,79")

Pin diameter: 3,0 - 3,175 - 4,0 - 5,0 mm / (0,12" - 0,125" (1/8") - 0,158" - 0,197")

Working area: Max. 670 x 535 mm. (26,4" x 21,1") Min. / 350 x 380 mm. (13,8" x 15")

Weight: 1.015 kg. (2.237 lbs)

Dimensions: 2.000 x 2.572 x 2.150 mm / (L 78,7" x D 101,3" x H 84,6")

Air connection: 6 bar

Air consumption: 11 NL / S

Power: 400VAC – 1kW

Productivity: 160 packages/hour

Process:

The data and images contained in this datasheet are for indicative purposes only and may be subject to change without prior notice.



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- Simultaneous drilling, pinning, and taping on the pin sides.
- Additional taping on long sides selectable.
- Accurate positioning of the drilling and pinning heads via handwheels with pneumatic locking
- Mechanical X/Y position indicators
- Hydraulic spindle brake with feed speed adjustment to optimize drilling quality and to reduce burrs.
- Automatic pinning insertion
- 4 taping units (2 on the right, 2 on the left) with adjustable taping point spacing.

Selectable work cycles

- Drilling - Dowelling - Taping - Stacking
- Dowelling - Taping - Stacking (multilayer)
- Drilling - Dowelling with manual unloading
- Dowelling with manual unloading (multilayer)

Multilayer pinning

- Lower positioning of the drilling spindles and insertion of the cylinders containing centering pins for multilayer drilling. (Photo 1)
- Pinning/Taping cycle only.

Optional devices

- Automatic axis positioning.
- Anti-reversal hole control.
- Guillotine for suction blocking.
- Automatic loading pannel with automation

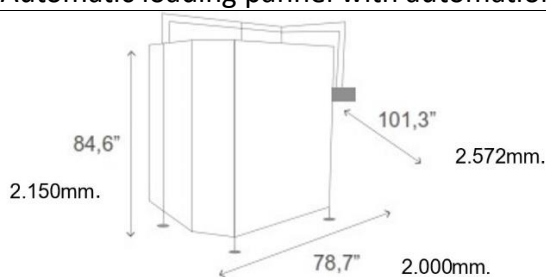


Photo 1

