Automatic IC Module Pick & Place Machine
Model: APP-6000

Purpose:

The machine is to pick & place IC modules onto PVC sheet with holes punched.

Advantages:

1. PLC control + Servo motor positioning.
2. Vibration bowl can input IC fast with accurate orientation.
3. High precision X-Y axes plus servo positioning system to ensure accurate IC placement.

Features:

1. PLC control + Servo motor positioning
2. Four work tables, replacement of PVC sheet is done without machine stopping.
3. Vibration blow provides fast IC feeding as well as detection of IC orientation.
4. Linear vibration track offers buffer storage for IC feeding, to avoid impact on throughput due to inadequate IC feeding.
5. Dual vibration bowls to input IC.
6. PLC program to control high precision X-Y axes plus servo positioning system to ensure accurate IC placement.
7. IC array layout is readily alterable. A-B platens can run 2 different layouts simultaneously. IC placement data can be individually adjusted, user-friendly interface.

Specifications:

Item	Details	Item	Details
Dimension	L1780 x W1180 x H1700 mm	Weight	Around 1100 kg
Power	Around 3.0 KW	Power	AC220V/50Hz
Accuracy	±0.05 mm	Air pressure	6 kg/cm², clean, dry and oil-free
Throughput	800 pcs/hr (1 head)	Suitable layout	5X5, 3X8, 3X9, 4X8 etc.(Customizable)
Environment	22℃, ±3℃, dry and dust free.	Suitable material	Standard strip chips; PVC, PETG, etc. with punched module holes

Notes:above specification is subject to change without prior notice due to continuous improvement.

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