



Module Pick & Placer LUK-MP4000

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INTRODUCTION

MP4000 is designed for precisely implanting the single chip onto chip fixing hole in the pvc sheet automatically after antenna embedding.

This machine is automatically controlled by PLC program for easy operation and maintenance.

Vibration disc automatic feeding , chips will be conveyed to fixed place.High-precise dual-axes are controlled by PLC to pick and place the chips on X/Y place precisely. Photoelectric sensors is adopted to monitor and control the chips' feeding. Machine will alarm and stop automatically when errors happens.

FEATURES

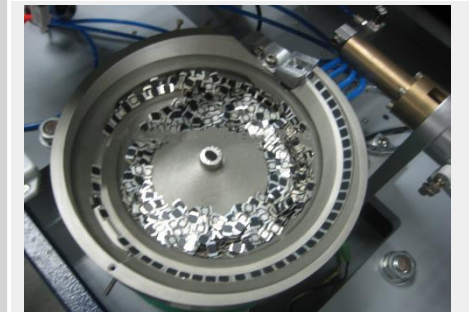
- User friendly PLC control for easy operation
- Vibration disc automatic feeding , positive or negative chip filling identification, automatic bad chip elimination.
- High accurate PLC dual-axes system is adopted for precise picking & placing the chips on right place automatically.
- The position for single chip where to be placed can be adjusted easily in the software.
- Double working stations and double placers can be working at the same time or separately
- Different sheet layout , such as 5x5, 3x8, 4x8 layout ,etc. can be proceeded with the same machine
- Photoelectric sensors is used to monitor and control the chips' feeding. Machine will alarm and stop automatically when errors happens.
- Optional function: the machine can be designed with extra function of glue tape dispensing
- CE completed safety guards

TECHNICAL DATA

Model	LUK-MP4000
Control Method	Mitsubishi PLC control+servo system
Applicable Material	PVC, ABS,PETG,etc. sheet material
Available Sheet Layout	5x5, 3x8, 4x8, customized layout is acceptable
Air Pressure	6kg/cm ²
Placing Position Accuracy	X/Y= ±0.0125mm
Power supply	220V,50-60Hz, 2.5kw
Output	4000 pcs /hour
Gross Weight	1000kg
Dimensions	L1800xW800xH1800mm
Yield Rate	99.9%



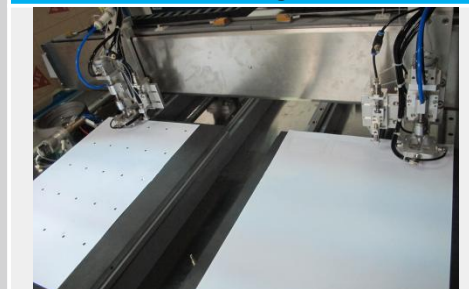
Vibration Disc Automatic Feeding



Chip Placing System



Double Working Stations



Manual Chip Pick& Placing is optional

