

Automatic Sheet Hole Punching Machine

Model: APH-1500

Function:

The machine is designed for auto punching the positioning holes and chip fixing holes on INLAY sheet at the same time. Auto feeding and receiving of inlay sheet, high-precision servo module transportation, and auto correction of Inlay sheet position inside the mold, effectively improving the accuracy and production efficiency of punching.

This machine adopts PLC+servo control and has a clear and concise working interface. All moving parts of the machine adopt a closed motion mode, effectively improving the safety performance of the machine and ensuring the safety of operators.



Features:

- 1.The machine uses a servo motor and reducer as the power for punching molds, with high stability, fast rhythm, and high efficiency.
- 2.Adopts a mode of screw, slide rail, and servo motor for the transfer of Inlay sheet , which is efficient and stable in transportation.
- 3.Different sizes of Inlay sheet can be replaced and punched according to customer needs.
- 4.The automatic silo is driven up and down by a screw, achieving automatic material receiving and feeding functions, reducing manual labor and labor intensity.
- 5.Servo positioning system to ensure transportation accuracy and high repeatability.
- 6.A concise and clear operating interface, as well as a simple operating method.
- 7.All moving parts adopt a closed motion mode, allowing personnel to operate with greater peace of mind and safety.

Consumable Parts:Solenoid valve、Punching heads、Cylinder、Synchronous belt

Main machine specifications: Main Control system: PLC; Servo motor: Mitsubishi servo motor; Lead screw/guide rail: Taiwan TBI ,HIWIN; Zero sensor: Omron; Limit switch: Omron.

Specifications:

Item	Details	Item	Details
Dimension	L2000mm*W1000*H1330	Weight	1800kg
Power	0.6KW	Power Source	AC220V 50/60HZ 20A
Air source	6KG	Air Consumption	200L/min
Accuracy	±0.01mm	Mechanical adjustment	±0.05mm
Control Method	PLC	Applicable materials	PVC etc.materials
Operator	1 person	Speed	1300-1500 sheets/hour
Yield	99.5%	Suitable layout	3x6、 3x7、 3x8(Customizable upon request)

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