

Automatic Sheet Hole Punching Machine

Model: AHP-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	900-1500 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.