



CCD semi-auto guide hole(target hole) punching machine

1. Application Scope

Punching for below materials:

Membrane switch, conductive film, IMD/IML/PET/PVC film, FPC flexible board, panel, aluminum plate, aluminum substrate, Car nameplate, inner layer of PCB, PCB films, other flexible film etc



2. Features

Applies to different thickness of PCB, FPC IML / IMD, PVC / PET / PC panel, thin film switch, Membrane Panel and so on. The results are neither burrs nor enlargement surrounding processed holes.



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Interactive-communication operational system with mouse operating tool (Windows XP Operational System) enables the procedure of the process to become easier, faster, and more efficient.

Large and wide operational stage enables the object to be moved and rotated easily.

High speed: Super high punching speed enables the process of hole-recognizing and target-punching to be within one second.

Precise-Transmission and Micro-Step Motor Driver is used to enhance accuracy and stability of process.

Up Light or Down Light enables every materials of targeting holes to be identified easily and to enhance the accuracy of recognition in targeting shape.

No Foot Paddle is needed. All the operation be finished by touch-screen. It is sensitive enough to enhance the speed of operation.

User can choose different tooling size to punch different diameter and thickness material.

Sampling plans can be saved, and then can be used directly next time.

Computer systems can supports software upgrade for lifetime.

In order to ensure long lifetime, the major components are imported oversea, such as relief valve, cylinder, and solenoid valve, rail and other parts.

3. Technical parameter:

Guide	HIWIN
Screw	HIWIN
CCD Camera	Mintron
Motor	Raiser
Tooling material	SKD11 steel
Control System	VT position punching system in English
Working table size	L1250mm*680mm
Thickness	0.1-1mm
Punching Precision	±0.02mm
Hole Diameter	Φ1.0~5.0mm (can be customized)
Working speed	0.4s/hole
Max punching	2.5KN
Supply power	AC220V/50Hz/1000W
Light choose	Transmitted infrared light(three colors light can be choose from)
Air pressure	0.4-0.8Mpa



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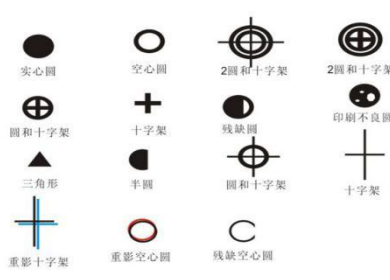
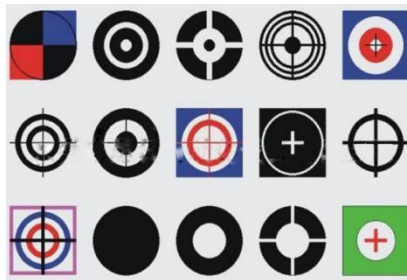
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Machine dimension	L1250mm*W680mm*H1100mm
Machine weight	200kg
Packed by wooden box size	L1320mm*W900mm*H1300mm
After packed weight	242kg

4. Grabable target graphics



Car nameplate guide hole punching machine Configuration:

Item	Brand	Origin
Guide rail	HIWIN	Taiwan
Screw rod	HIWIN	Taiwan
CCD camera	VT	Vility
Software	VT	R&D (Can upgrade)
Cylinder	SMC	Japan
Solenoid valve	AIRTAC	Taiwan
Motor	Leadshine	China



After-sales service :

- 1, We have a rich experience, technical good, service awareness ahead of the professional team, can be timely and effectively solve the problem for you.
- 2, Installation and debug machine for you without any charge. Also, giving a technical training for your employees.
- 3, All of our machines can have one year guarantee and lifelong maintenance.