



## 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, etc



### 2. Features



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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.

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
Max width	0-520mm(accept custom)
Punching Precision	±0.02mm
Hole Diameter	Φ1.0~5.0mm (adjustable)
Working speed	0.4s/hole
Max punching	2.5KN(VT015/VT008) 0.7KN(VTZ15)
Supply power	AC240V/50Hz/40KW
Light choose	Transmitted infrared light(three colors light can be choose from)
Air pressure	0.4-0.8Mpa



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Machine dimension	W1250mm*D770mm*H(770+260)mm
Weight	198±2kg

## Car nameplate guide hole punching machine Configuration:

Accessory item	Brand	Accessory origin
Guide	HIWIN	Taiwan
Screw	HIWIN	Taiwan
CCD camera	VT	Vility
Software	VT	R&D (Can upgrade)
Cylinder	AIRTAC	Taiwan
Solenoid valve	AIRTAC	Taiwan
Motor	Laser	China



### After-sales service :

- 1,We have a rich experience, technical good, service awareness ahead of the professional team, can be timely and effective 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.