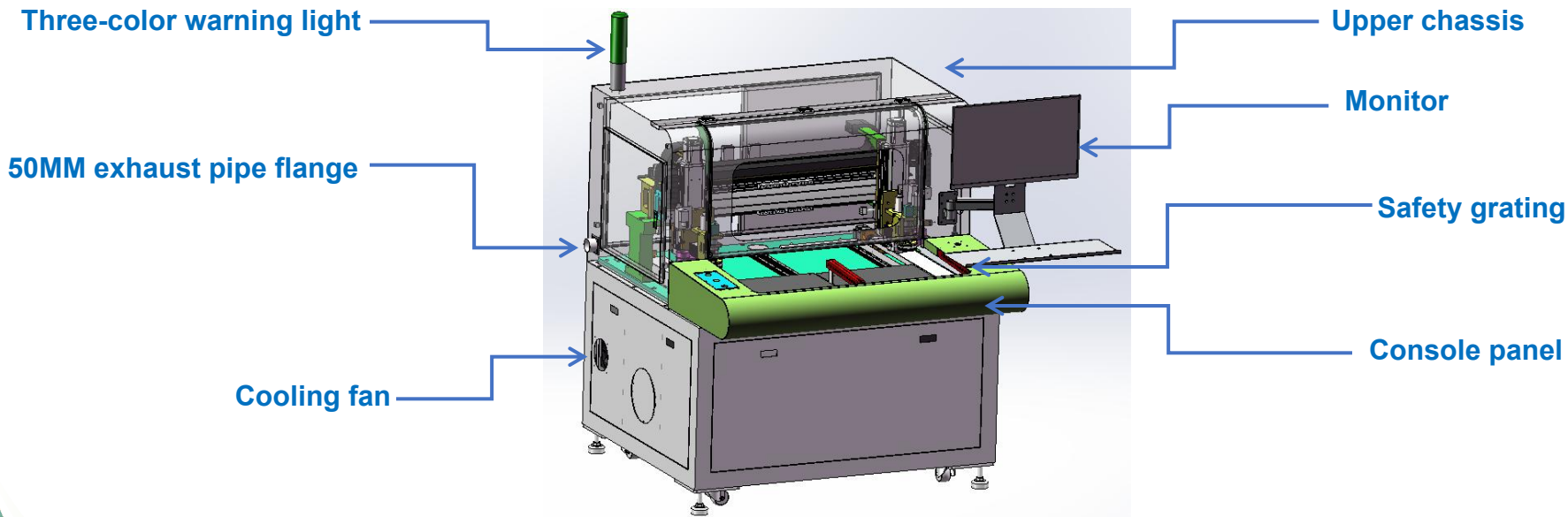
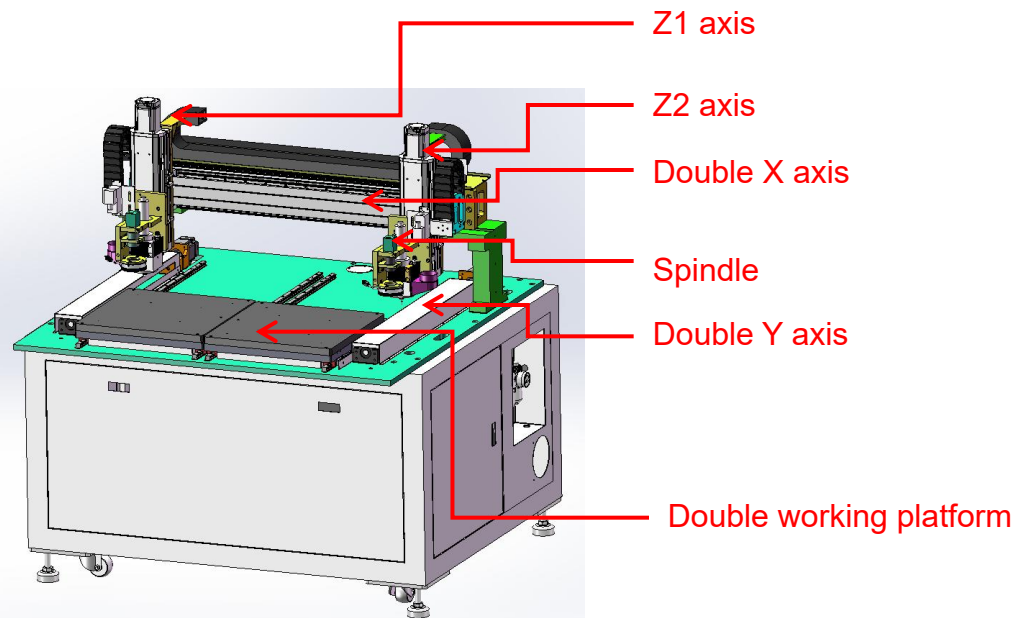


Machine Structure-1

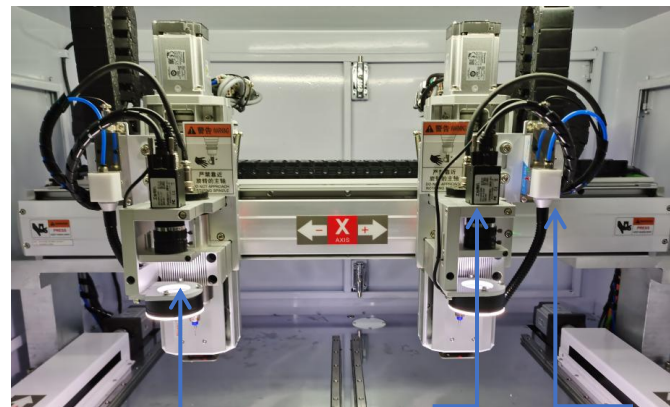


S380A

Machine Structure-2



S380A



HD camera, industrial lens, ring light source

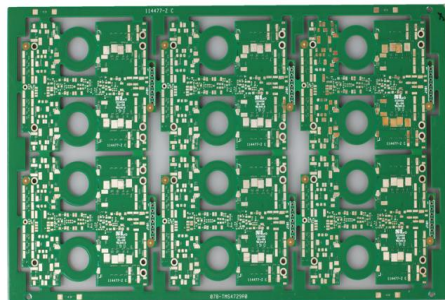
Spindle

High frequency ion air nozzle

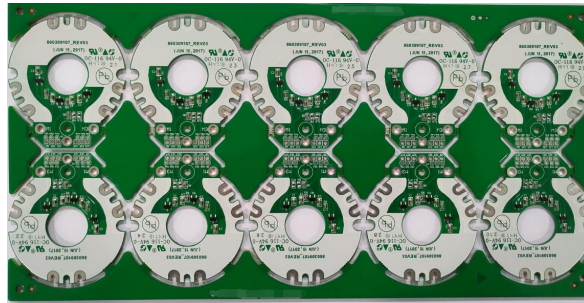
Advantage-Wide range of applications



Mobile motherboard



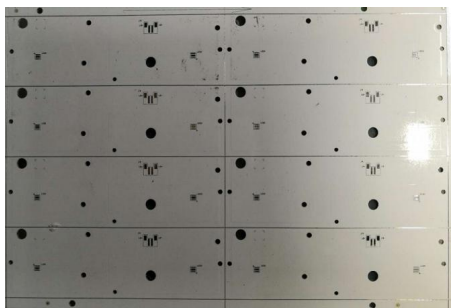
Power Board



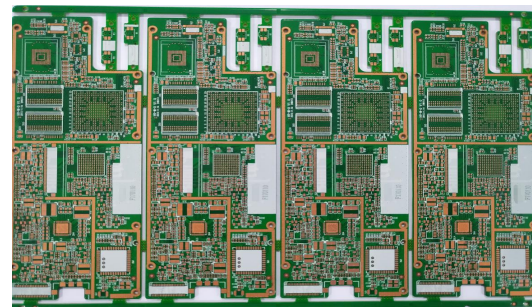
Electrical tools



Copper substrate

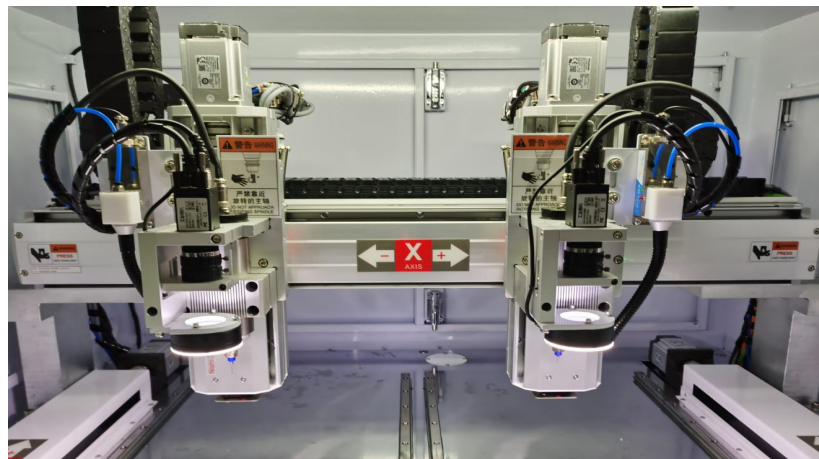
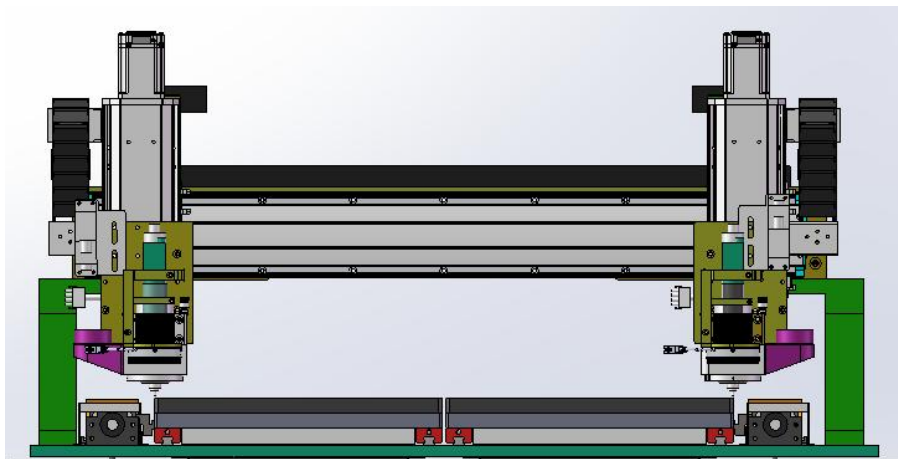


Aluminum plate



Tablet

Advantage-Improve 30% efficiency



The processing spindle is designed to be independently controlled by double spindles and double working platforms, and uses double mover linear motors (magnetic levitation) to form independent movements without interfering with each other.

Compared with general single-spindle splitting equipment, the efficiency is about 30% higher.

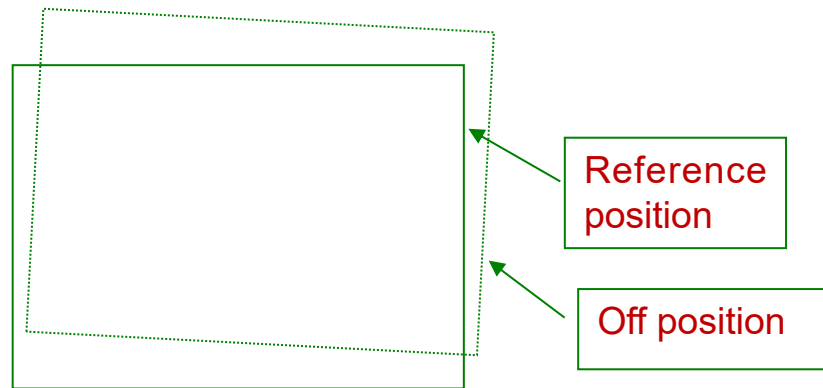
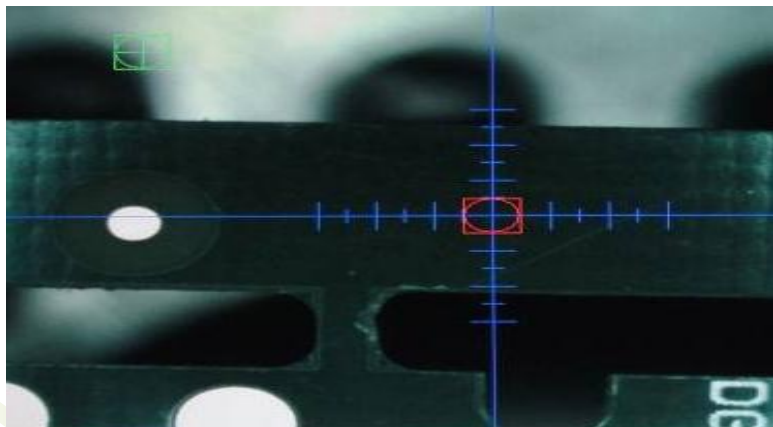
Advantage-4 times capacity of manual



Using two mobile platforms as the upper and lower substrate devices for PCB exchange can effectively reduce machine idle time, thereby achieving higher production efficiency, and **increasing the production capacity to 3 to 4 times that of manual board division.**

Advantage-Automatic calibration

- Automatic MARK positioning correction system, moving path display and tracking, automatic focus correction function, higher cutting accuracy, to meet higher precision products.
- Automatic alignment correction function, higher cutting accuracy, as long as the PCB is placed within the range of 80mm², the machine vision can perform automatic line correction, which relaxes the accuracy requirements of the operator when placing the board. Greatly improved work efficiency.



S380A parameter table

Accuracy	
Spindle locate accuracy	±0.02mm
Board cutting accuracy	±0.05mm
Vacuum System	
Filter power	2.2KW/3.5KW 380V motor
Filter	Radial style
Utilities	
Power	2.2KW AC220V
Air supply	4-6KG/cm2
Programming	
Programming method	Programming online
Programming function	Straight line, oblique line, circular arc, circle
program storage	Choose a storage location according to your needs
Configuration programming CCD	High pixel color CCD
Tool diameter compensation	Auto

PCB Separator Machine S380A

Overall	
Deminsion	L1180mm*W11800mm*H1350mm
Weight	750KG
Height adjustable feet	60~110mm
Manipulator	
Steering motor type	Panasonic MINAS Series
Steering motor repeatability	±0.01mm
Work station	
How the board is positioned	Fixture positioning, universal thimble positioning, visual correction
Maximum size of unilateral board	340mm*360mm
Component height	Top max=50mm; bottle max=80mm
PCB thickness	0.5mm~3mm
Spindle Motor	
Power	90W
Rotating speed	40000~60000rpm/min
Routing capability	
cutting speed	0-100mm/s adjust
Moving speed	1000mm/s
Cutting repeat accuracy	±0.02mm

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