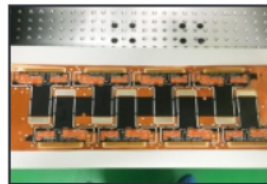
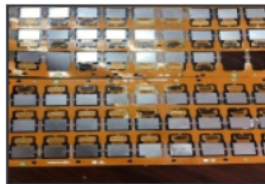


SF680 FPC Vision PCB Separator (Depanelizer)



SF680 is a new concept blade cutting machine. It is a special machine for splitting multi-connecting-plate FPC. It imitates human's manual cutting, effectively reduces cutting pressure, improves cutting speed, and makes cutting accuracy more in line with requirements. First edited path segmentation equipment replaces manual breaking, C-CUT or PUSH cutting defects, improves product quality and reduces scrap rate. This machine adopts man-machine interface Windows XP operating system, concise and Humanized Interface design, automatic cutting path correction system, high-pixel CCD program production and block program and single-step program editing and modification.

Application: Digital, communications, lighting realm etc

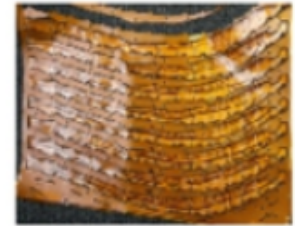
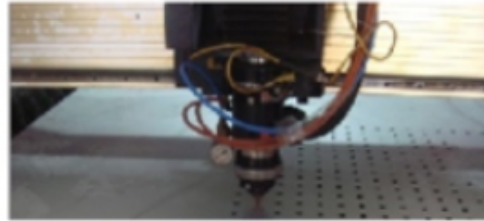


FPC cutting method

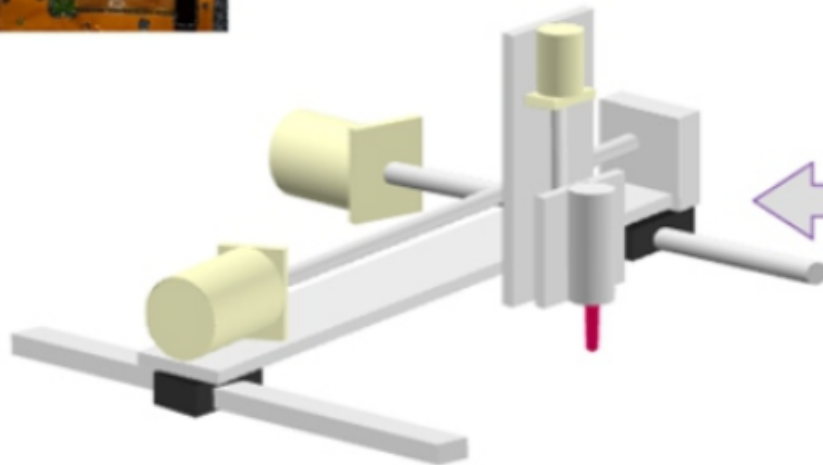
1,By Hydraulic and Die Stamping Cutting



2,By laser cutting



3,blade cutting--the newest method



Cutting Features

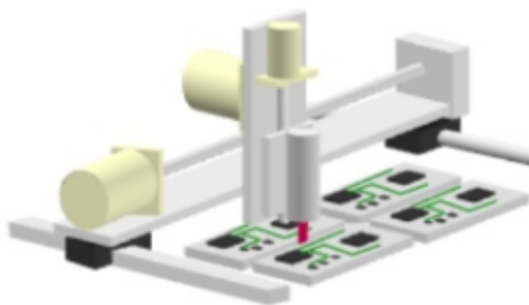


The production speed is slow and the cutting pressure is high, so the mould needs to be made beforehand and the cost is high.



Laser cutting

Low cutting pressure but high cost, dust produced and secondary pollution products, high cost



Blade cutting--the newest method

Low cutting pressure & cost, high accuracy, fast production No-pollution and dust free!!

technical parameter

System models / types	Windows XP Professional
Dimension(LxWxH)	945mm*826mm*1236mm
Weight (Approximate)	180KG
Foot height adjusted	60~110mm
Manipulator Motor	Panasonic MINAS A5 serial
Manipulator Accuracy	±0.01mm
Maximum Axis Travel (X,Y,Z)	360mm*360mm*70mm
Board Position	Jig positing , Vision positing
Loading/Unloading way	By manual
Routing Range	350mm*350mm
Panel Thickness	< 3mm
Rigid Fixturing	ESD jig
Top Clamp	hole position
Max routing speed	100mm/s
Accuracy	±0.02mm
Power	1.5KW AC220V
System platform	Windows XP Professional ((Service3,v.3244)
System Stability	24 H
Vision system	High Precision CCD Visual Positioning Correction System (SONY 250 Series)
Programming	On-line
Editing	Straight or oblique lines
Storage Location	Selected
configuration program	CCD Camera--Fangchen F130 serial CCD
Toolbit Diameter Compensation	Multiple option in shape
Axis positioning accuracy	±0.01mm
Routing Accuracy	±0.05mm
Enclosed Work Area	Adopt four-way seal protection
Door Interlock Sensors	Induction of micro switch of front and rear safety doors
Emergency Stop Button	1 pcs

Best After-sales service

- **Worldwide Support**
- **Free Installation/ Training**
- **1 day lead-time (spare parts)**
- **1 Month customize solution**



Welcome inquiry

- 1, Please visit : www.smthelp.com
- 2, Find us more: <https://www.facebook.com/autoinsertion>
- 3, Know more our team: <https://cn.linkedin.com/in/smtsupplier>
- 4, Welcome to our factory in Shenzhen China
- 5, Google: Auto+Insertion
- 6, See machine working video: youtube - Auto Insertion
- 7, Looking forward to your email: wendy@smthelp.com