



## I.C.T SMT V-cut Machine


Manual PCB V-cut Machine	
<ol style="list-style-type: none"> <li>1.Solid and stable,PCBs keep still during the separation,component won't be damaged.</li> <li>2.Sliding speed of blade is adjustable manually.</li> <li>3.Accurate adjustment on Distance between circular blade and straight blade, due to different depth of V-slot.</li> <li>4.Compatible to situation that component across the V-slot.</li> <li>5.Minimize internal pressure to avoid solder crack.</li> </ol>	
<b>Specification:</b>	
Model	I.C.T-MV350
Dimension	820*390*360mm
PCB Length	0 to 350mm
Components Height	2-34mm
PCB Thickness	0.8 to 5mm
Cutting Speed	0 to 400mm/s
Operation Type	Manual
Blade Customization	Available
Power Supply	1 PH AC 220V 50/60Hz (Option:110V to 230V)
Weight	60 Kg

LED Separator			
<ol style="list-style-type: none"> <li>1.PCB cutting length is unlimited.</li> <li>2.Cutting speed is adjustable by knob manually.</li> <li>3.Limited inner strength, not easy to get crack.</li> <li>4.Blade edge height is adjustable according to different PCB thickness and V-slot depth.</li> <li>5.Cutting by circular blades, few dust or residue generates; drive by motor , less pollution.</li> <li>6.Cutting is not realized by friction, so there won't be any metal residue.</li> <li>7.Blade is made in taiwan, the material is the high speed steel from Japan.</li> <li>8.Host is made by A-alloy and finish in one time,handy,less space occupied.</li> <li>9.Blade are able to be adjusted accurately, compatible to all PCBs as long as it has V-slot.</li> <li>10.Professional Machine for LED Boards with 1.2 meter Platform.</li> </ol>			
<b>Specification:</b>			
Model	I.C.T-LS380	I.C.T-LS1200	I.C.T-LS2400
Dimension	Host 380*290*380mm Small Platform(Self-equipped)	Host 380*290*380mm Platform 1200*360*190mm	Host 380*290*380mm Platform 2400*360*190mm

Blade Number	1 Group(Top 1pcs,Bottom 1pcs)		
PCB Length	Unlimited		
PCB Type	Aluminum Based Board,FR-4,Glass Fibre Board and PCB,LED, etc.		
PCB Thickness	0.2-5mm		
Cutting Speed	80, 120, 200, 400mm/S	80, 120, 200, 400mm/S	80, 120, 200, 400mm/S
Components Height	2-30mm		
Operation Type	Manual		
Blade Customization	Available		
Power Supply	1 PH AC 220V 50/60Hz (Option:110V to 230V)		
Weight	31Kg	31Kg+6Kg	31Kg+9Kg

<b>Multi Blades LED Separator</b>			
<p>1.Unique way to separate PCB, totally six pieces of circular blades to work on it,two blades(up and down) each group,work as a Unit. The whole process divides into three phases: A,B and C.Firstly Group-A separate 40%,Group-B follows to separate next 40% along the same V-slot of Group-A,Balance 20% finishes.by Group-C. Since each separation is short,internal strength decreased 80% compared with old way of separation,in this way,the Board won't get deformed,especially the Board of Aluminum.</p> <p>2.Multi times of separation, the whole process is really stable,bad situation is avoided.</p> <p>3.Blades made by Taiwan,life would be over one year.</p> <p>4.All blades are calibrated by dual-frequency laser interferometer,Blade tip jump would be limited within 0.02mm,to ensure separation quality.</p> <p>6.Able to extra configure platform of stainless steel, of size 1.2 meter and 2.4 meter.</p> <p>7.Slight accurate adjustment of top and bottom blade.</p> <p>8.Blades can be sharpened for many times after worn</p> <p>9.Block part custom-made for convenient separation on PCB of different width</p> <p>10.Free adjustment on X and Y axis, raise the accuracy of separation</p>			
<b>Specification:</b>			
Model	I.C.T-MLS380	I.C.T-MLS1200	I.C.T-MLS2400
Dimension	Host 325*380*334mm Small Platform(self-equipped)	Host 325*380*334mm Platform 1200*360*190mm	Host 325*380*334mm Platform 2400*360*190mm
Blade Number	3 Group(Top 3pcs,Bottom 3pcs)		
PCB Length	Unlimited		

PCB Thickness	0.2-5mm		
Components Height	2-30mm		
PCB Type	Aluminum Based Board,FR-4,Glass Fibre Board and PCB,LED, etc.		
Cutting Speed	80, 120, 200, 400mm/S	80, 120, 200, 400mm/S	80, 120, 200, 400mm/S
Operation Type	Manual		
Blade Customization	Available		
Power Supply	1 PH AC 220V 50/60Hz (Option:110V to 230V)		
Weight	35Kg	35Kg+6Kg	35Kg+9Kg

<b>Guillotine Type PCB V-cut Machine</b>	
<p>1.For internal strength generates during separation,Minimize it to value under 180uE,to avoid solder crack or component damage.</p> <p>2.Able to separate edge of V-slot,minimum distance to component is 0.3mm,and max height of component is 60mm.</p> <p>3.Free sanding on Blade when it is worn.</p> <p>4.Cutting speed is one cut per second,controlled by pneumatic foot-plate switch.</p> <p>5.Blade activated negative,separation route and position in control safely.</p> <p>6.No rotation separation,no drive by motor,no carbon or dust pollution.</p> <p>7.Separation is not realized by friction,so no obvious metal residue left.</p> <p>8.Life is over 6000000 times.</p> <p>9.Professional Guillotine type Automatic PCB V-cut Machine for FR4 Board.</p>	
<b>Specification:</b>	
Model	I.C.T-GV330
Dimension	720*300*440mm
PCB Length	0 to 330mm
PCB Thickness	0.3 to 5mm
Components Height	2-17.5mm
Air Supply	4-6bar,Dry Air Source
Operation Type	Manual
Max Height of Component	60mm
Power Supply	1 PH AC 220V 50/60Hz (Option:110V to 230V)
Weight	138 Kg

**Moving Blade PCB Depaneling Machine**

1. Controlling by microcomputer, high stability and accurate positioning.
2. Higher speed can improve cutting result, make the boards away from burr.
3. Blade height slight adjustment in 0 to 2mm, platform height adjustable in 0 to 50mm, to fit PCB of different thickness, and solve the problem of different V-slot depth.
4. Manually Set the position to stop automatically according to specific length of the PCB.
5. PCB width no restriction, max thickness among V-slot is 0.25 to 2.0mm.
6. Blades material is the imported high speed steel, it can be sharpened again when in need.
7. Conveyor belt is optional, conveniently transfer finished PCB out.
8. Stop block can be used for different PCBs, to raise working efficiency.



**Specification:**



Model	I.C.T-MBV360	I.C.T-MBV360C(with Conveyor Belt)
Dimension	720*300*440mm	1000*395*425mm
Conveyor Belt Size	None	1000*142*127mm
PCB Length	0 to 360mm	
PCB Thickness	0.3 to 5mm	
Components Height	2-34mm	
Operation Type	Manual	
Power	80W	120W
Power Supply	1 PH AC 220V 50/60Hz (Option:110V to 230V)	
Weight	59 Kg	59 +13 Kg

**Automatic Multi Group Blades PCB V-cut Machine**

1. PLC Control, with device for counting, preset process production distance.
2. Multi group blades to separate PCB array each time, suitable for buck production.
3. Blades slight adjustment in 0 to 5.0mm.
4. Distance among is adjustable, suitable for PCB single strip of width 15 to 20mm.
5. Blades apply material of high speed steel of the imported, long life and durable.
6. Turn the knob to set separation speed.
7. separation length is unlimited.
8. PCB separation thickness: 0.2 to 5.0mm.
9. PCB move out by the conveyor belt, direct intersection with production line.
10. PCB material as fibre board, aluminum board and other special board.



<b>Specification:</b>	
Model	I.C.T-MV
Dimension	1250*615*1060mm
PCB Length	Unlimited
PCB Width	8 to 180mm(can be customized)
PCB Thickness	0.3 to 4mm
Components Height	2-34mm
Slight adjustment on Blade	0 to 5.0mm
Power Supply	1 PH AC 220V 50/60Hz (Option:110V to 230V)
Weight	160Kg

<b>Multi Group Blades PCB V-cut Machine</b>	
<ol style="list-style-type: none"> <li>1.PLC Control,with device for counting,preset process production distance.</li> <li>2.Multi group blades to separate PCB array each time,suitable for buck production.</li> <li>3.Blades slight adjustment in 0 to 5.0mm.</li> <li>4.Distance among is adjustable,suitable for PCB single strip of width 15 to 20mm.</li> <li>5.Blades apply material of high speed steel of the imported,long life and durable.</li> <li>6.Turn the knob to set separation speed.</li> <li>7.separation length is unlimited.</li> <li>8.PCB separation thickness: 0.2 to 5.0mm.</li> <li>9.PCB move out by the conveyor belt,direct intersection with production line.</li> <li>10.PCB material as fibre board, aluminum board and other special board.</li> </ol>	 

<b>Specification:</b>	
Model	I.C.T-AMV
Dimension	2160*750*1060mm
PCB Length	Unlimited
PCB Width	8 to 180mm(can be customized)
PCB Thickness	0.3 to 4mm
Components Height	2-12mm
Cutting Speed	80, 120, 200, 400mm/s
Power Supply	1 PH AC 220V 50/60Hz (Option:110V to 230V)
Weight	160Kg

\* I.C.T keeps working on quality and performance,specifications and appearance may be updated without particular notice.

**Thanks for choosing I.C.T.**  
**I.C.T looks forward to win-win cooperation.**