

全自動 P.C 板切腳及毛刷機 KA-B6

Automatic PCB-Brushing and Lead cutting Machine

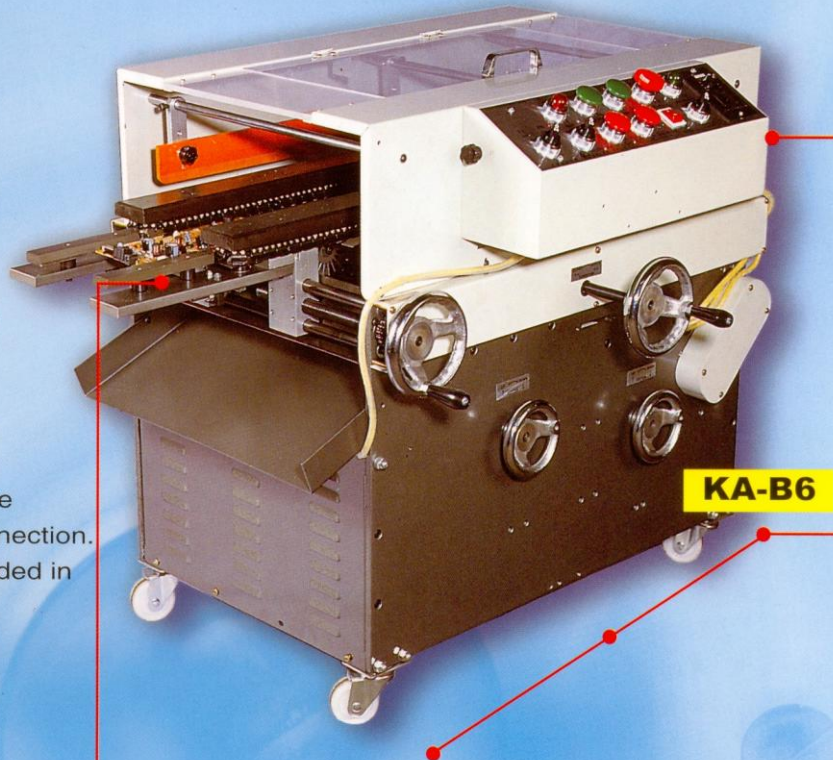
- PC 板適合範圍 :10mm~300mm
 - 可安裝毛刷清除沾粘之線腳
 - 可銜接自動焊錫爐進行一貫作業
 - 附有頂針及壓板裝置可防 PC 板變形
 - 銜接軌道前後高低可調整，適用於不同廠牌焊錫爐之銜接。
 - 鎢鋼刀為選購品，不屬於標準配備。
- PCB Working Range:10mm~300mm
 - Brush is optional selected for cleaning leads adhered after cutting
 - Available for connecting with Wave soldering machine in mass production
 - PCB Warp proof device is equipped
 - The height of back/Front conveyors are adjustable to meet various kind of connection.
 - The Tungstem Carbide Blade is excluded in the machine.

A. 標準配件：(附於機台上)

1. Ø250 圓型銅刷一只。
2. 防上彎電木條一組，電木 P.C 板壓台四個。
3. 防 P.C 板下彎刺形頂針一組。
4. 工具一套。

A. Standard Accessories:(Equipped)

1. Ø 250mm Brush(brass).1 Unit.
2. Warp correction Bakelite bar(1set), Frame for warp correction(4 sets)
3. Warp prevention thimble wheel(1set)
4. Tool set(1set)



主軸轉速	RPM of Spindle	4500
主軸馬力	HP	3/4HP
軌道速度	Feeding Speed	0-3m Adjustable
最低腳高	Min.Lead Height	0.5mm Min
P C板最大	MAX.PCB Working Size	500mm(L)x300mm(W)
機器尺寸	Size	1160(L)x730(w)x800(H)
電壓	Power	220V 50/60HZ
淨重	Net Weight	200 kgs.
毛刷轉速	RPM.of Brushing	600rpm/1/2HP

B. 選擇性配件

1 KA-B6-IN 前入料銜接導軌

解說：只要將入料導軌高度與自動焊錫爐出料軌道高度調整一樣，就可省略人工放料。

※即由 自動焊錫→入銜接導軌→自動送入 P.C 板切腳→由銅刷清除殘留於 P.C 板上的錫珠或殘屑→P.C 板完成送出。

B.Optional accessories

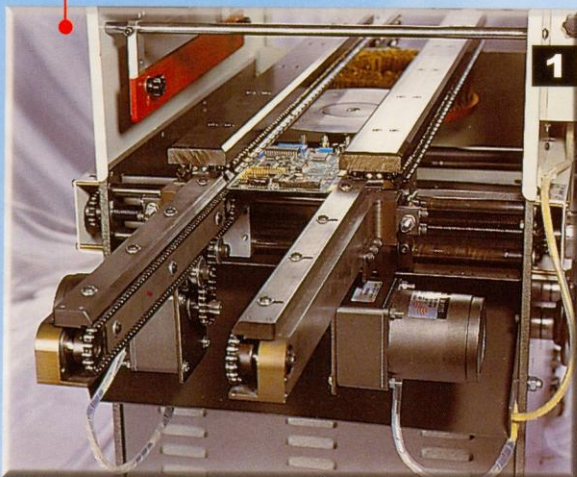
Front feeding/connection conveyor.

Hint:GLoading/feeding the PCB assembly automatically to increase efficiency and saving labor cost.

The height of the device have to be adjusted to the same height as wave soldering machine.

EXample procedure,

Wave soldering machine ⇒ Front feeding/connection conveyor ⇒ Automatic feeding to the Lead Cutting machine ⇒ Cleaning the residues or tin.ball ⇒ send out the PCB assembly.



全自動PC板切腳及毛刷機

Automatic PCB Brushing and Lead Cutting Machine

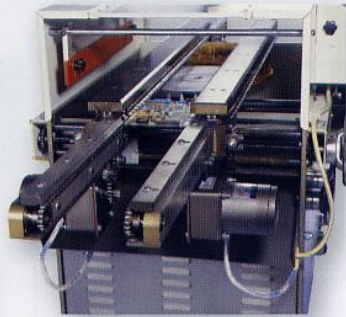
- PCB Working Range: 10mm ~ 300mm.
- Brush is optionally selected to clean leads adhered after cutting.
- Available to connect with Wave soldering machine in mass production.
- PCB Wrap proof device is equipped.
- The height of Back/Front conveyors are adjustable to meet various kinds of connection.
- The Tungstem Carbide Blade is excluded in the machine.
- PC板適合範圍: 10mm ~ 300mm。
- 可安裝毛刷, 清除沾粘之線腳。
- 可銜接自動焊錫爐進行一貫作業。
- 附有頂針及壓板裝置可防PC板變形。
- 銜接軌道前後高低可調整, 適用於不同廠牌焊錫爐之銜接。
- 鎢鋼刀為選購品, 不屬於標準配備。

主 軸 轉 速	RPM of Spindle	4500
主 軸 馬 力	HP	3/4HP
軌 道 速 度	Feeding Speed	0~3m Adjustable
最 低 腳 高	Min. Lead Height	1.0mm Min
PC 板最大尺寸	MAX.PCB Working Size	500mm(L) x 300mm(W)
機 器 尺 寸	Dimension	1160(L) x 730(W) x 800(H)
電 壓	Power	220V 50/60HZ
淨 重	Net Weight	200Kgs
毛 刷 轉 速	RPM of Brushing	600 RPM/1/2HP

選擇性配備

Optional Accessories

1. KA-B6 前入料銜接軌道 Front feeding/connection conveyor
銜接自動焊錫爐使用, 只要將入料軌道高度與自動焊錫爐出料軌道高度調整一樣, 就可省略人工放料。
即由 自動焊錫 → 入銜接軌道 → 自動送入PC板切腳 → 由銅刷清除殘留於PC板上的錫珠或殘渣 → PC板完成送出



KA-B6-IN



KA-B6

標準配備

Standard Accessories

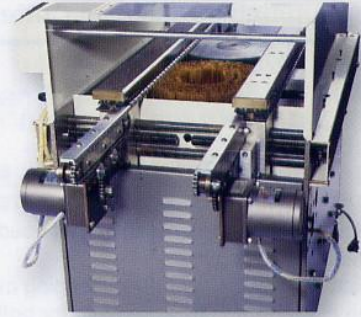
(Equipped)

- 250mm Brush (Brass). 1 Unit.
- Warp correction Bakelite bar (1 set), Frame for warp correction (4 sets).
- Warp prevention thimble wheel (1 set)
- Tool set (1 set).

附於機台上

1. 250 圓形銅刷一只。
2. 防上彎電木條一組, 電木PC板壓台4個。
3. 防PC板下彎刺形頂針一組。
4. 工具一套。

2. KA-B6-OU 後出料銜接軌道 Back Send out/connection conveyor
當PC板經切腳及銅刷清理完成送出時, 如果要再自動送板, 連接下一站的工作, 就必須再接上"後出料銜接軌道", 例如: 二次焊錫作業或另接輸送機等



KA-B6-OU

3. 台架 Connection Frame

在下列狀況下需選購台架

- a. 前入料銜接軌道要連接上一站的動作。
- b. 後出料銜接軌道要連接下一站的動作。

因為高度不同, 需將整台機器架高, 才能達到水平連接, 就要使用此台架。



KA-B6-F

4. 毛刷 Brushing



BK-250



BK-320

2. 後出料銜接軌

解說:當P.C板經切腳及銅刷清理完成送出時，
如果要再全自動化，連接下一站的工作，
就必須再接上"後出料銜接軌"，例 二次錫作業或另接輸送機等。

2 KA-B6-OU

2.Back Send out/connection conveyor

Hint:This conveyor is for connecting
the machine to another process
machine when finishing lead cutting/brushing

For example:Connecting to 2nd wave soldering
machine or to assembly/touch-up conveyor etc



3. 台架

解說:在下列狀況需選購台架

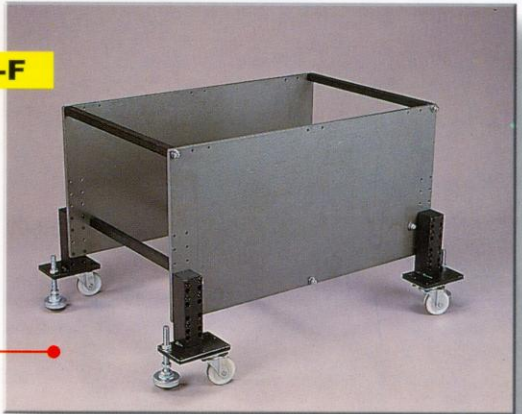
- 前入料銜接導軌要連接上一站的動作。
- 後出料銜接軌，要連接下一站的工作。因為高度不同，需將整台機器架高，才能達到水平連接。就要使用此台架。

3 KA-B6-F

3.Connection Frame

Hint: It is optional selection for the following condition

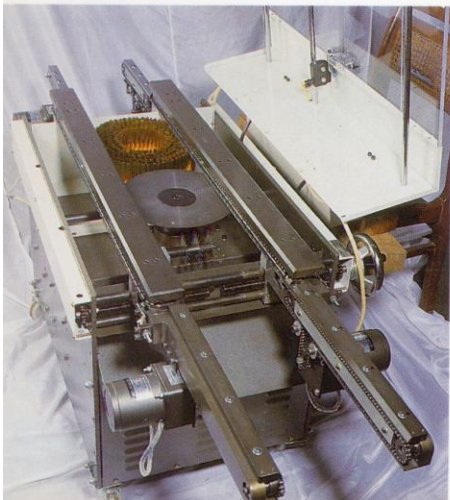
- When the front/connection conveyor need be connected with the process machine.
- The back send out/connection conveyor need to be connected with next operation in different height.The frame is to adjust the height of the conveyor for connecting easily.



5 BK-250



4. 銅刷:
4. Copper brush:
a) BK- \varnothing 250
b) BK- \varnothing 320





手推式PC板切腳機

KA-8 PCB Lead Cutter, manual handling

- 為過錫爐後 PC 板剪腳最經濟選擇。
- 使用超硬鎢鋼刀，採用特殊 L 型軌道。
- 適用於兩種厚度範圍，0.8mm ~ 1.2mm 或 1.6mm ~ 2.0mm。
- 超強的機身結構，高精密的製作方式，確保加工品質的穩定。
- 最低高可切至1.0 mm。
- The machine is designed to trim the wire leads of PCB assembly after soldering process.
- The fast turning tungsten carbide blade cuts the wire leads while feeding the PCB one by one to the equipped track manually.
- For safety, it is absolutely required to push the PCB assembly by handle.
- This machine trims the wire lead of electronic components only.

鎢鋼刀為選購品，不屬於標準配備。

Tungsten Carbide Steel Blade is selective rather than standard item.

軌道厚度範圍	Thickness Range	0.8 - 1.2 & 1.6 - 2.0mm
主軸轉速	RPM of Spindle	4500
最低腳高	Min. Lead Height	1.0mm Min
最大PC板尺寸	MAX.PCB Working Size	400mm(L) x 270mm(W)
機器尺寸	Dimension	1050(L) x 570(W) x 750(H) m/m
電壓	Power	110/220V 50/60HZ
淨重	Net Weight	73Kgs

全自動PC板切腳機

Automatic PCB Lead Cutter

- 提供PC板過錫爐後之剪腳作業。
- 穩定性高，可與自動錫爐及插件機連線。
- 採爪片式彈片夾具夾緊PC板。
- 爪片更換容易而且經濟。
- 附PC板防彎曲裝置，可克服因焊錫後變形PC板之切腳。
- 進料速度可做無段調整，最大速度3m/分鐘。
- Best Selection for midium of high volume production. This model is designed to trim the extra long leads automatically and efficiently on the PCB that components are inserted and soldered.
- A pair of conveyor chain is equipped in the model with clamp deliver the PCB to trim by the blade turning in high speed.
- Warp prevention device is equipped to ensure no damage on boards.
- Expandable in function and working independently- The model can optionally connect in line with wave soldering machine by Connection Bridge and operate automatically.

鎢鋼刀為選購品，不屬於標準配備。

主軸轉速	RPM of Spindle	4500
主軸馬力	HP	3 / 4 HP
軌道速度	Feeding Speed	0 - 3 m Adjustable 可調
最低腳高	Min. Lead Height	1.0mm Min
PC板最大尺寸	MAX.PCB Working Size	500mm(L) x 280mm(W)
機器尺寸	Dimension	900(L) x 670(W) x 800(H) m/m
電壓	Power	220V 50/60HZ
淨重	Net Weight	115Kgs

超硬鎢鋼刀

Tungsten Carbide Steel Blade

This is for PCB lead cutter and can be resharpened by Blade Resharpener. Hitachi, Mitsubishi brand.



KA-8



KA-66



NK-250

NK-200