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## CF-360 零件表

| 零件編號 | 零件名稱    | 零件編號 | 零件名稱     | 零件編號 | 零件名稱     |
|------|---------|------|----------|------|----------|
| A1   | 台身底箱    | C36  | 右軌道      | E54  | 昇降座      |
| A11  | 廢料盒     | C361 | 軌道螺絲     | E55  | 不動刀      |
| A12  | 把手      | C37  | 鋁合金左右護軌  | E551 | 墊片       |
| A13  | 腳墊      | C38  | 左軌道      | E56  | 動刀       |
| A14  | 板扣#2533 | C381 | 軌道螺絲     | E57  | 滑軸蓋      |
| A15  | 廢料漏斗    | C39  | 退料槽      | E58  | 切刀滑軌     |
| A16  | 台身      | C390 | 成品盒      | E581 | 切刀推進框    |
|      |         | C391 | 成品盒架     | E59  | 刻度尺      |
|      |         |      |          | E591 | 指示標      |
| B2   | 電料箱     |      |          |      |          |
| B21  | 電源開關    | D4   | 壓料機構     |      |          |
| B22  | 切刀開關    | D40  | 滑軸固定片    | F61  | 偏心軸      |
| B23  | 震動旋鈕    | D41  | 壓料調整鈕    | F62  | 軸心齒輪     |
| B24  | 震動開關    | D42  | 壓料軌      | F63  | 馬達齒輪     |
| B25  | 暫封板     | D43  | 壓料板      | F64  | 偏心軸座     |
| B26  | 電料箱鉤    | D44  | 壓料滑軸     | F65  | 培林6002ZZ |
| B27  | 震動P.C板  | D45  | 滑軸座      | F66  | 培林6003ZZ |
| B28  | 電源線     | D46  | 固定螺絲     | F67  | 馬達       |
| B29  | 插座      | D41A | 調整桿      | F68  | 減速機      |
| B30  | 保險絲座    |      |          |      |          |
|      |         |      |          |      |          |
|      |         | E5   | 切刀座      |      |          |
| C3   | 震動送料機組  | E51  | 昇降管軸     |      |          |
| C30  | 材料      | E510 | 刀座管套     |      |          |
| C31  | 小震動器    | E511 | 切刀座固定螺絲  |      |          |
| C32  | 震動吸板    | E52  | 昇降軸      |      |          |
| C33  | 震動彈片    | E53  | 升降螺絲     |      |          |
| C34  | 震動底板    | E531 | 培林6000ZZ |      |          |
| C35  | 封板      | E532 | 塑膠轉帽     |      |          |

## A. CF-360 型散裝電容剪腳機之介紹

1. 本機器專門針對立式電子零件剪腳設計，只要能站立的零件皆可使用，如各類電容器、LED、功率晶體、排阻、電晶體....等。
2. 切腳長短可隨意調整，由 3 mm~20 mm，線徑  $\phi 0.35 \sim \phi 2.0$  mm皆是使用範圍。
3. 本機器 CF-360 型預留有加裝計數器的孔位，可自行再安裝計數器，以計算數量。
4. CF-360 型有再擴充性，能達到全自動送料、剪腳；產能可達人工放料的十倍以上。即我司所生產製造的 CF-366、CF-368 或 CF-3661、CF-3662，供用戶選購。
5. 本機器屬成熟設計機構，輕巧耐用，操作簡單，維修容易。

## B. 使用方法：

1. 核對正確與機台相同的電壓，再將電源線插上。開啟 B21 電源開關→B22 切刀開關“ON”，切刀開始往返做切腳動作。
2. B24 震動開關啟動時，C3 震動送料機組即開始運作，再由 B23 震動旋鈕控制送料速度的快慢，以能應付入料即可，不必太快，送料太快容易造成切腳長短，或零件傾倒...等問題產生。

## C. 調整及入料、切腳

1. 將零件 C30 用手由入口平行放於 C36 及 C38 軌道上，零件 C30 就會自動往前行進，前進快慢由 B23 震動旋鈕控制。
2. C37 鋁合金左右護軌是控制零件本體左右寬度，防止零件行走時左右搖動，可隨不同大小的零件做調整，C37 鋁合金左右護軌上有三個螺絲做調整及固定用。
3. C36 右軌道可隨線徑粗細做調整，由 C361 軌道螺絲調整軌道間隙。
4. D4 壓料機構可防止零件上下跳動，隨著零件高低做調整，將 D46 的螺絲放鬆，轉動 D41 壓料調整鈕，D42 壓料軌即可上下移動，剛好將 D42 架於零件上，再將 D46 螺絲固定。
5. 切腳長短之調整：
  - a. 用六角扳手將 E511 螺絲放鬆。
  - b. 轉動 E53 升降螺絲，E5 切刀座即可上下滑動。
  - c. 查看 E591 指示標，E59 刻度尺上有數字刻度所指出的數字，即是腳長的尺寸。
  - d. 啟動電源，讓 E56 動刀往返動作，再轉動 B23 震動旋鈕放入零件，即可開始切腳的工作。
  - e. 當試切出第一個零件，必須測量腳長是否正確，核對如果正確即將 E511 螺絲固定。切腳調整即告完成。
  - f. ※注意：當要轉動 E53 及調動 E5 刀座時一定要先將 E511 螺絲放鬆。
  - g. 切腳完成的零件，會經由 C39 退料槽進入 C390 成品盒內集中收料。
  - h. C390 成品盒由左方順向推出即可拿出。

## D. 廢料清理

1. 打開 A14 板扣，整組 B2 電料箱即可往後翻開，所有機構就可清楚看見。
2. 於切腳過程，線腳屑容易亂飛，每次使用完後須將可能跳入箱內的線腳屑清理乾淨。
3. 切斷之腳屑會隨著 E5 切刀座的斜口滑入 A11 廢料盒內，如果有殘存於斜口的滑道內，須用物品將屑腳清理，否則會影響送料。

4. A11 廢料盒堆滿後，須取出倒掉。

## E. 保養與維護

1. F62 與 F63 的齒輪及 F61 偏心軸要加潤滑油以做保護。
2. E58 切刀滑軌需用機油潤滑。
3. E51 及 E52 刀座軸必須用油布擦拭以防生鏽。

## F. 零件更換解說

1. E55 不動刀及 E56 動刀經長時間使用而變鈍、不利，需將刀口研磨或整組換新。
2. 切刀 E55 不動刀及 E56 動刀之更換
  - a. 打開 A14 板扣，整組 B2 電料箱往後翻開。
  - b. C361 螺絲鬆開取下整組 C36 右軌道。
  - c. 將 E56 動刀上的螺絲鬆開，動刀 E56 即可取出或更換。
  - d. 用 L 型六角扳手鬆開 C381 螺絲，取下 C38 左軌道。
  - e. 將 E55 不動刀上的螺絲鬆開，即可取出 E55 不動刀或更換。
3. 安裝 E55 不動刀及 E56 動刀
  - a. 將 E55 不動刀鎖緊，再用手轉動 F63 馬達齒輪，用一零件做試切，如能順利切斷且無毛邊，表示 E55 不動刀及 E56 動刀鋒利且密合度好。
  - b. 如果有過大的毛邊或拉料，即表示刀鈍需研磨或更新。
  - c. 如果是新刀在切斷時有過大的毛邊，即表示密合度不佳，請用很薄的紙墊於 E56 動刀與 E58 切刀滑軌中間，再將 E56 動刀上的螺絲鎖緊。※注意：E55 及 E56 切刀只能相互接觸到，不能有刀鋒相互撞擊。切記！
  - d. E55 不動刀上的螺絲沒鎖緊，也會造成切刀密合度不佳。
4. E55 不動刀及 C38 左軌道之校正要平整。
  - a. 轉動 E53 將 E5 刀座昇高接近 C38 左軌道，在鎖定 C381 螺絲時，需確定 C38 左軌道與 E55 不動刀刀鋒能“平整”，再鎖緊。
  - b. E55 不動刀如果凸出 C38 軌道邊緣，當零件到達切刀前會傾倒或線卡到凸出的刀片而入料不順。
  - c. E55 不動刀如果縮入 C38 軌道邊緣，會先將線腳打彎後再切腳，即切完的零件線腳會有彎曲。

## G. 故障排除

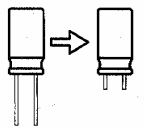
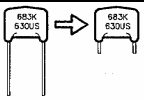
1. 送料疑問解說：
  - a. E5 刀座調昇與 C38 軌道接觸到時，軌道振動力會因接觸到刀座而抵消，即無法送料。  
排除方法：請將刀座 E5 降低，震動送料立即恢復正常。
  - b. 震動送料有突然加快及瞬間減慢的現象，或 B23 震動旋鈕無法做快慢調整。  
原因：可能 B27 震動 PC 板電子零件。  
排除方法：
    - (1) 更換其中損壞之電子零件。
    - (2) 整片 PC 板換新。
  - c. 經過多年的使用，送料速度變得較慢。  
排除方法：將 C33 震動彈片上方的兩個螺絲放鬆，拉高約 0.5 mm 再將螺絲鎖緊即可恢復快速送料。

- d. 送料容易傾倒。  
排除方法：將 B23 震動旋鈕調慢，不宜太快，會震動零件。
2. 切刀故障解說
- a. E56 不動刀突然停滯不動或速度變慢。  
排除方法：  
 (1) 查看 E56 動刀與 E57 滑軸蓋中間是否有卡到屑腳或掉落零件，將其清除之。  
 (2) 查看 F62 及 F63 齒輪中間是否卡有殘留腳屑或異物。  
 (3) E58 切刀滑軌太久沒有加油而無法滑動，請加油以潤滑之。
- b. 切斷之零件要切得比一般 3.0 mm 更短之處處理。  
排除方法：  
 (1) 另外訂購一片 E55 不動刀做低於 3.0 mm 以下的專用刀。  
 (2) 將原刀做更薄的研磨，及 C38 左軌道磨薄。  
 (3) E55 不動刀及 C38 軌道要磨薄屬於專業技術，需回廠處理，或訂購備品更換。※切勿自行處理，否則容易變形。

## H. CF-360 型再擴充之介紹

由半自動式增長為全自動送料剪腳之功能

1. 需增加之配件及機組
  - a. 原有之 C36 及 C38 軌道需改用加長型軌道。
  - b. 另訂購一組台架，做為組合 CF-360 本機與銜接自動送料機用。
  - c. 訂購一台震動送料機。
2. 震動送料機之訂購
  - a. 震動送料機種類繁多，必需選購符合您實際所適用者。
  - b. 訂購震動送料機前一定要提供零件樣品，才能製造。
  - c. 訂購時必須事先說明為銜接用，因在接口處需做事先規劃，才能順利接上，否則無法銜接。
3. 我司依照多年經驗，設計出多種現品供用戶選購。
4. 組合完成後的型式做簡單介紹如下：
  - a. 您 P.C 板上的立式零件，約有 75% 皆適用於 CF-366。
  - b. CF-366 適用於符合下列外形條件之電子元件。

| 項目 | 元件種類                        | 元件形狀 | 尺寸範圍   | 圖例  |
|----|-----------------------------|------|--|---|
| 1  | 如電解電容器(EC),LED 及電晶體等        | 圓柱形  | 圓柱外徑範圍 Ø4mm ~ Ø8mm                                   |  |
| 2  | 如塑膠薄膜電容(Mila),功率晶體,方形 LED 等 | 長方形  | 長方體範圍 3mm(長) * 3(寬) * 3(厚)<br>~ 15(長) * 18(寬) * 8(厚) |  |
| 3  | 如陶瓷電容(Ceramic)              | 扁圓形  | 扁圓體範圍<br>Ø4mm(外徑) * 3mm(厚) ~<br>Ø13mm(外徑) * 6mm(厚)   |  |

c. CF-366 屬多種用途共用機種。經過調整之後以上範圍之內均可使用，同時也需符合以下基本條件：

(1) 必需要能站立

(2) 底部不可成錐形（如右圖）

(3) 線不可太彎曲

(4) 零件不可有相互吸黏或糾纏之現象

(5) CF-3661 型屬單一種類外型相似之電子元件，針對圓柱體元件設計。

使用範圍：電解電容  $\phi 4 \text{ mm} \sim \phi 8 \text{ mm}$ ，LED  $\phi 5 \text{ mm}$  等。

(6) CF-368 型針對大型之元件設計，屬子母盤，即一種零件用一個專用子盤。

使用範圍：電解電容  $\phi 10 \text{ mm} \sim \phi 18 \text{ mm}$  或較大型之元件等。

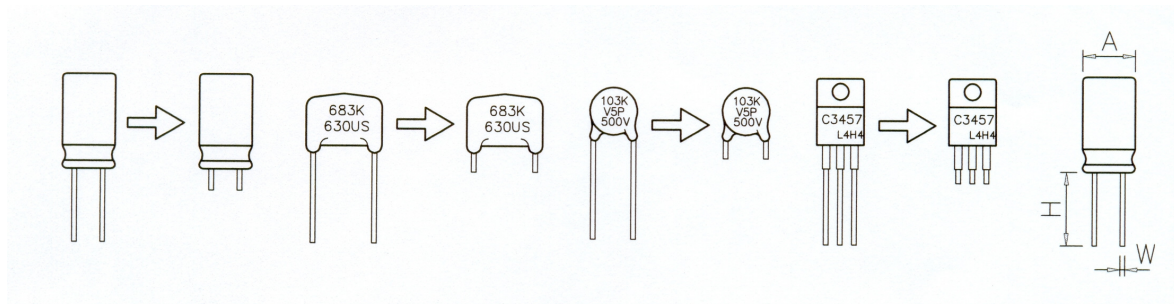
(7) CF-3662 型屬功率晶體專用，針對四方型的電子元件設計。

(8) 另外各類型之送料機，只要您提供樣品，我們會以最快速度為您答覆。



油漆不可成錐形

例圖：



以上概略說明，如有疑問歡迎來電洽詢，本公司將以最大的熱忱為您服務。如需更換零件或購買備品，只要將圖上的代號傳真回本公司，即可將您所要的零件寄達貴公司。

服務專線 TEL：+886-2-8201-1187、2205-1205

FAX：+886-2-2202-1204

## CF-360 Part List

| Part NO. | Part Name                | Part NO. | Part Name                               | Part NO. | Part Name               |
|----------|--------------------------|----------|---|----------|-------------------------|
| A1       | Bottom Box               | C36      | Delivery rail – right                   | E54      | Lift base               |
| A11      | Waste Drawer             | C361     | Screw – rail                            | E55      | Cutting Blade - fixed   |
| A12      | Handle                   | C37      | Left & Right Duralumin protecting trail | E551     | Washer                  |
| A13      | Foot pad                 | C38      | Delivery rail – right                   | E56      | Cutting blade - movable |
| A14      | Fastener#2533            | C381     | Screw – rail                            | E57      | Cover-slide bar         |
| A15      | Waste hopper             | C39      | Retreat trough                          | E58      | Slide Shaft - cutter    |
| A16      | Machine body             | C390     | Finish part bin                         | E581     | Cutter driving frame    |
|          |                          | C391     | Holder – part bin                       | E59      | Scale                   |
|          |                          |          |   | E591     | Indicator               |
| B2       | Panel Box                |          |   |          |                         |
| B21      | Power switch             | D4       | Holding Device                          |          |                         |
| B22      | Cutter switch            | D40      | Fixed flake-slide shaft                 | F61      | Shaft - eccentric       |
| B23      | Vibrant Knob             | D41      | Adjustable knob to press materials      | F62      | Axis tooth wheel        |
| B24      | Vibrant switch           | D42      | Top holder                              | F63      | Gear - Active           |
| B25      | Window for counter       | D43      | Connect plate                           | F64      | Block - eccentric shaft |
| B26      | Hook locker              | D44      | Shaft-Holding                           | F65      | Bearing 6002ZZ          |
| B27      | Vibrant control PCB      | D45      | Block-holding                           | F66      | Bearing 6003ZZ          |
| B28      | Power Cord               | D46      | Screw                                   | F67      | Motor                   |
| B29      | Plug                     | D41A     | Adjustable shaft                        | F68      | Speed reducer           |
| B30      | Safety fuse              |          |   |          |                         |
|          |                          |          |   |          |                         |
|          |                          | E5       | Cutter Base                             |          |                         |
| C3       | Linear feeder            | E51      | Lift Pipe Axle                          |          |                         |
| C30      | Components               | E510     | Pipe shroud - Cutter base               |          |                         |
| C31      | Vibrator                 | E511     | Fixed Screw for cutter base             |          |                         |
| C32      | Vibrant - absorbed board | E52      | Lift Axle                               |          |                         |
| C33      | Wave orientation plate   | E53      | Lift Screw                              |          |                         |
| C34      | Vibrant bottom board     | E531     | Bearing 6000ZZ                          |          |                         |
| C35      | Closed board             | E532     | Plastic turn cap                        |          |                         |

## **A. Introduction - Loose radial lead cutter Model CF-360**

1. This model is for cutting loose radial lead to length. It is available for components that can be stood up on the delivery rail. Such as EC, LED, Power transistor, Net work resistor, Transistor....etc.
2. The machine is adjustable on the cutting length, range from 3 mm~20 mm. Wire lead diameter between  $\phi$  0.35 mm~  $\phi$  2.0 mm.
3. A window for the installation of counter is reserved. An optional LED counter is available and can be selected or install in the other day for counting the components.
4. The function of the machine is expandable. A series of extended models are available for automatic cutting operation in which the components will be feed, cut automatically. The efficiency may possible 10 times saving comparing with by manual. The CF-366,CF-368,CF-3661 of CF-3662 are the models we offer for optional selection.
5. Compact and easy operation and maintenance.

## **B. Operation Procedure :**

1. Care fully check the power requirement that marked in the machine. Then connecting the power cord, and turn on the B21 Power switch, "on" the cutter switch B22, You'll observe the cutter is in moving back and forth.
2. Activating the C3 linear feeder by turn on the B24 Vibrant switch, the B23 Vibrant Knob is to control the feeding speed. Make sure not to feed too fast to get rid of tilting parts that will make uneven lead or laying down the parts on the rail.

## **C. Adjustment - Feeding and cutting**

1. Manual feed the components C30 to the inlet of the linear feeder rail C36 C38. The components will be delivered on the rail. Adjusting the feeding speed by the B23 speed regulator to proper speed.
2. The Left & Right Duralumin protecting trail C37 is for holding the components by both side to ensure the stability of left/right side. The width of the space can be adjusted by 3 screws on it according to the size of the components.
3. According the wire lead diameter, The distance between the two rails can be adjusted by releasing the 3 screws on the C36.
4. The D4 holding device has function of eliminating the jumping of the components in delivery. The distance is adjusted according to the size of the components. Please release the D46 screws and adjusting the height by turning the D41 holding rod when necessary.
5. Cutting length adjustment :
  - a. Release the E511 screws by alien key attached.
  - b. Adjusting the height by turning the E53 Lift screw.
  - c. Check the E591 indictor. The reading show in the E59 scale is the height of the cutting length.
  - d. The cutting can be started by turning on the switch of cutter if the linear feeder is in proper speed. Otherwise, please re-adjust the machine.



- e. Measuring the first sample that cut. Re-adjusting the height if incorrect. Tighten the screw E511 when it is correct and started the mass production.
- f. ※caution : Ensure to release the screw E511 when intend to adjust the cutting height.
- g. The components will be fallen into the part bin C390 through the Retreat trough C39.
- h. The part bin C390 can be taken out in pushing left side direction.

#### **D. Cleanness of waste**

- 1. Opening the fastener A14, whole set of panel box can be opened and the mechanism inside can be observed.
- 2. The wire lead of waste will be spread during operation, please clean up all the chips in the box when finish works.
- 3. The wire lead of waste will be fallen into the waste box A11 through the slope portion of E5, Clean the slope which will interfered the falling.
- 4. Clean the waste box A1 when impletion.

#### **E. Maintenance**

- 1. Daily lubricate the gear F62/F6 and F61 eccetric shaft.
- 2. Daily lubricate the E58 Slide shaft - cutter.
- 3. Old coated the E51 Shaft – cutter and E52 Lift Axle to anti-rusty.

#### **F. Spare parts replacement**

- 1. The re-sharpening or replacement is necessary when the E55 fixed cutting blade or E56 movable cutting blade is worn out by long usage.
- 2. Replacement of the E55 fixed cutting blade and E56 movable cutting blade
  - a. Opening the fastener A14, turning over the panel box B2.
  - b. Release the C361 screws and dismantle the C36 right rail.
  - c. Releasing the screws on the E56 moveable cutting blade. Replacing the blade.
  - d. Un-tightening the C381 screws, then dismantle the C38 Left rail.
  - e. Replacing the E55 fixed cutting blade.
- 3. Assembly of the fixed/moveable cutting blade
  - a. Tighten up the screws first in the fixed cutting blade then in the movable cutting blade. Hand move the gear F63 and manual cut one component. Check the cutting edge of the wire lead. Make sure it is good matching without burr created.
  - b. It show poor matching condition if burr created. Please lay on a thin metal sheet(0.1mm depend on the clearance needed) or a thin paper as temporary alternate in between the E56 and E58. Tight the screw E56 again and test it manually.※Caution : The E55 and E56 CAN NOT BE CRASHED each other. A small clearance should be keep in between it.
  - c. Note also the un-tighten screws of E55 will possible cause the poor matching blades.
  - d. The edge of the E55(fixed cutting blade) must be in line and parallel with the edge of left rail.
  - e. Raising the E5 base of cutter until reaching the left rail C38 by turning the E53 height adjusting rod. And make sure the C38 is in line with the E55 before tighten the screws.
  - f. The components in delivery will be interfered if the fixed cutting blade E55

is out of the left rail edge.

- g. In other side if the E55 is retracted over the edge of the left rail, the wire lead will be bent before cut. It means the finished parts will be in bending form instead of straight.

## **G. Troubleshooting**

1. Tips for the delivery of components :
  - a. The delivery vibration is counteracted and delivery components no more when the E5 touch the rail C38 during adjustment.  
Solution : lower the E5 and solve the trouble immediately.
  - b. The speed of delivery is raised or lower down suddenly or the speed can't be adjusted by the speed regulator B23 anymore.  
Possible reason : Failure of PCB control unit B27.  
Solution :
    - (1) Replace components in the PCB control unit B27.
    - (2) Replace whole set of PCB control unit B27.
  - c. The delivery speed is slow down after usage of several years.  
Solution : Release the screws on the C33 wave orientation plate, then raise it around 0.5mm will solve the trouble immediately.
  - d. The components tilting or lay down during delivery in the rail.  
Solution : Low down the delivery speed by adjusting the speed regulator.  
Make sure not too fast to vibrate jump up the components.
2. Tips for the cutter
  - a. The E56 fixed cutting blade is stopped and show down suddenly.  
Solution :
    - (1) Check and remove the chip between the E56 and E57 if any.
    - (2) Check and remove the chip or foreign mater in between gear F62 and F63.
    - (3) Lubricate the E58 slide bar if it is lack of oil.
  - b. How to cut the lead length less than 3mm?  
Solution :
    - (1) an optional slim blade E55 is suggested for the slim cutting.
    - (2) Modified the original cutting blade and re-grind the C38 left rail, make it as thin as wish.
    - (3) To get rid of deformation, the modify procedure of E55 and C38 should be done in professional tool room or send it back.

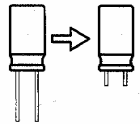
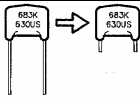
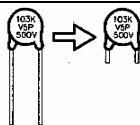
## **H. Introduction – Expandable function of model CF-360**

Extend from semi-auto to fully automatic

1. Necessary accessories and parts
  - a. the original delivery rail C36 and C38 should be replaced by a connecting type of rails.
  - b. Additional working table is suggested for matching the height of the vibrant bow feeder and the cutting machine.
  - c. An automatic bowl feeder is optional selected.
2. The ordering of the Automatic Bowl feeder
  - a. It's very important to chose one feeder to meet specified range.
  - b. The samples are requested in ordering the machine.
  - c. The planning of the bower feeder connection is necessary. Please consult

with our technical personal before placing order.

3. Basing on our professional experience, we have designed a serial of models with various range for optional selection
4. Brief introduction for the models with automatic Bowl feeder
  - a. Around 75% of the radial components are available for the automatic cutting operation in model CF-366(adjustable bowl feeder).
  - b. The CF-366 is workable for the components with the following outside configuration.

| Item | Type of Components                                     | Configuration | Range of Size   | Example   |
|------|--|---------------|---|---|
| 1    | Electrolytic Capacitor, LED, transistor etc.           | Cylindrical   | Range of Outside diameter $\phi 4\text{mm} \sim \phi 8\text{mm}$                |  |
| 2    | Mila film Capacitor, Power Transistor, Square LED etc. | Cuboid        | 3mm(L) * 3(W) * 3(T)<br>~ 15(L) * 18(W) * 8(T)                                  |  |
| 3    | Ceramic Capacitor                                      | Oblate        | $\phi 4\text{mm(OD)} * 3\text{mm(T)} \sim \phi 13\text{mm(OD)} * 6\text{mm(T)}$ |  |

- c. The Model CF-366 is a general purpose model which are available for various kind of components through adjustment. It feeding the components automatically and adjusted according to the outside configuration of the components.

(1) Kindly note that it's hard to accommodate the machine for the listed parameters.

(2) The components can't be stood up well on the rail.

(3) Conical or sharp end as sketch.

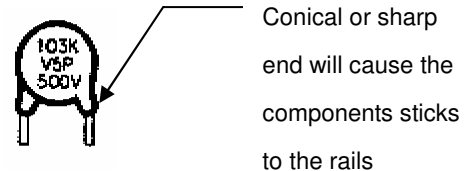
(4) Wire lead of the components are in crinkle, bent or in tangling.

(5) The Model CF-3661 is for Cylindrical similar outside configuration components. Working range : Electrolytic Capacitor  $\phi 4 \text{ mm} \sim \phi 8 \text{ mm}$ , LED  $\phi 5 \text{ mm}$  etc..

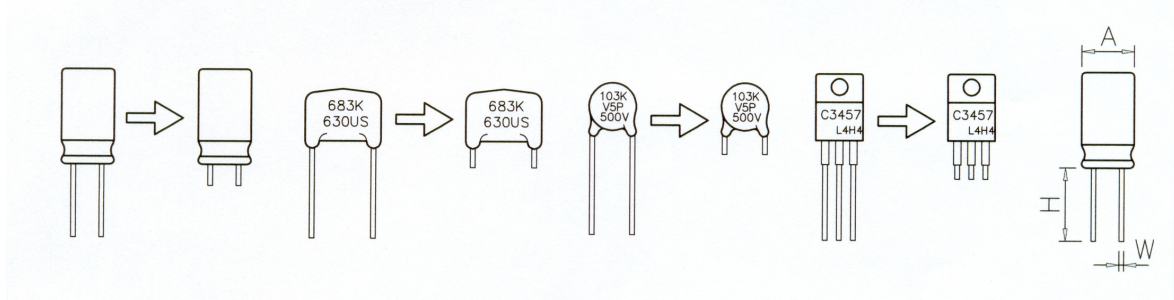
(6) CF-368 is designed for big size components with auxiliary bowl feeder. The temple is exchangeable for difference size of components. Working range : Electrolytic Capacitor  $\phi 10 \text{ mm} \sim \phi 18 \text{ mm}$ .

(7) CF-3662 is specified designed for Cuboid configuration.

(8) We offered also tailor make service for the components beyond the specified working range. Contact us for further information.



## Examples :



Sincerely welcome your inquiry. Contact us for any questions. Please list the part NO. shown in the sketch and fax back to us if you are going to purchase the spare parts. We'll try our best to contact with you.

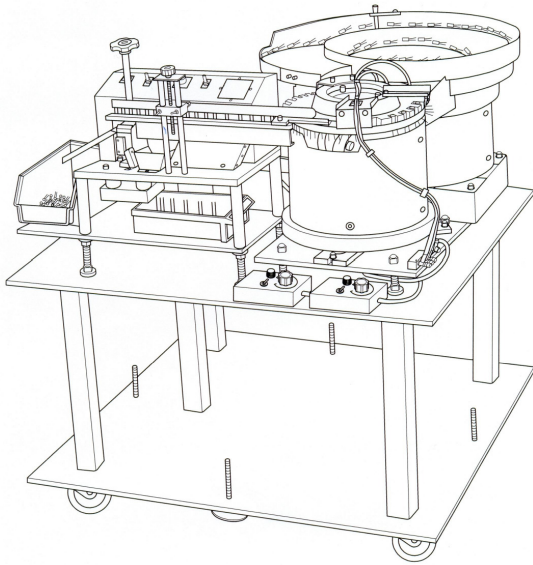
### Customer service

TEL : +886-2-8201-1187 \ 2205-1205

FAX : +886-2-2202-1204

**CF-360 散裝電容剪腳機**  
**加全自動震動送料盤**  
**Model CF-360 with automatic bowl feeder**

CF-368



CF-366

