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# 添聖機械股份有限公司

## TEN SHEEG MACHINERY CO., LTD.

ISO 9001 : 2000 CE 國際品質認證



### BAND-KNIFE SPLITTING MACHINES

專業開片機系統產品目錄



Professional processing machine - Since 1975

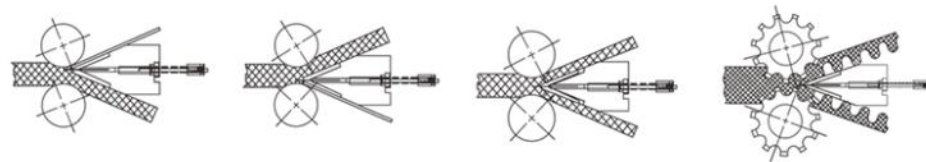




# TEN SHEEG MACHINERY CO., LTD.

## PROVIDES PROFESSIONAL PRODUCTS AND SERVICES

添聖 提供您專業的產品和服務



### Our band-knife splitting machine can be used for field of:

— Packing industry:

Packing and cushion material of sponge, PVC, EVA, PU, EPE, adhesive tape, anti-shock tool box and similar

— Shoes industry:

Sole material for sport shoes, beach shoes, sandals, slippers, leather shoes, and shoe insole.

— Electrical industry:

Sponge for sound absorption, shock absorption, conduct electricity and filter net.

— Automotive industry:

Gasket, cushion, sound and shock absorption.

— Construction industry:

Sponge for sound absorption, shock absorption, PVC flooring, rubber flooring, heat insulation and fireproof material.

— Sport & toy industry:

Surfboard, swimming board, diving suit, beneficial toy, PU ball, EVA ball, EVA puzzle mat, gym mat.

### 敝公司所製造之開片機系列適用之行業別:

● 包裝業:

泡綿、海綿、PVC、EVA、PU、EPE等材質之各式包裝或緩衝材料。

● 製鞋業:

運動鞋底、海灘鞋底、涼鞋底、拖鞋底、皮革鞋底、鞋墊等鞋料。

● 電子業:

吸音泡棉、防震墊片、導電IC泡綿、過濾網。

● 汽車業:

座墊、吸震墊片、隔音綿、防撞條。

● 建築業:

隔音板、PVC地磚、橡膠地墊、防熱板、防火板。

● 體育用品&玩具業:

衝浪板、游泳板、潛水衣、幼教益智玩具、PU泡綿球、EVA球、積木、EVA拼裝地墊……等。



## 序 INDEX...

Machine name 機械名稱	Model 型號	Page number 頁數	Machine name 機械名稱	Model 型號	Page number 頁數
● Bandknife horizontal vacuum splitting machine 龍門吸盤式開片機	SM-690C SM-690B	PAGE1~2	● Cutting machine(heater type)熱切式切片機	FT-9926 FT-9929 FT-9912	PAGE23
● Bandknife loop vacuum splitting machine 龍門吸盤式開片機	SM-690T SM-690R SM-690RC	PAGE3~4	● Rubber & plastic chopping machine 橡膠膠切條機	RC-9915 RC-9916	PAGE24
● Bandknife loop vacuum splitting machine 龍門吸盤式開片機	SM-690	PAGE5~6	● Refrigerating rubber cooling machine(water tank type) 冷凍式橡膠出料機	FT-9976I / FT-9979I FT-99712I / FT-9976II FT-9979II / FT-99712II	PAGE25
● Bandknife splitting machine 精密開片機	SM-616 / SM-616-2WD SM-616H SM-613 / SM-613-2WD SM-613H	PAGE7~8	● Cutting machine 冷切式切片機	FT-9936 FT-9939	PAGE26
● Highest speed splitting machine 高速開片機	SM-601 / SM-602 SM-675 / SM-676 SM-635 / SM-636	PAGE9~10	● Mesh type batch-off machine 平網式膠片冷卻機	FT-999	PAGE27
● Slop splitting machine 斜度切割機	TS-721 TS-701 TS-702	PAGE11~12	● Surface coarsening machine 表面打粗機	PC-801 PC-802 PC-803	PAGE28
● Thermolectric laminating machine 電熱式貼合機	HC-368 HC-368C	PAGE13~14	● Hanger type batch-off machine 吊桿式膠片冷卻機	FT-998A FT-998B	PAGE29~30
● Thermolectric laminating machine 電熱式EVA&PE發泡板材貼合機	HC-358	PAGE15	● Strip cutting machine 切邊切條機	CT-501200 / CT-501250 CT-501300 / CT-502200 CT-502250 / CT-502300	PAGE31
● Thermo lamination machine 熱油式貼合機	HC-369	PAGE16	● Thermolectric EVA & PE building-up laminating machine 電熱式EVA&PE疊色貼合機	HC-363 HC-366	PAGE32
● Thermolectric automatic cutting edge & conjunction machine 電熱式自動切邊接片機&自動捲料機	FC-N320 FC-321	PAGE17~18	● Square board cutting machine 四方板切邊機	CT-532	PAGE33~34
● Motorized circulating rubber, PE, EVA sponge roll material splitting (skiving) equipment 自動循環式橡膠,PE,EVA 整捲自動削片設備	FC-322 FC-323 FC-324 FC-325	PAGE19~20	● Rubber, PE, EVA sponge roll material splitting (skiving) equipment 半自動循環式橡膠,PE, EVA整捲自動削片設備	TA-7 TA-8 TA-6 TA-5A	PAGE35~36
● Water cooling auto slicing machine 水冷式自動冷卻出料切片機	MC-963 / MC-965 MC-967 / MC-969 MC-9611	PAGE21~22			



# Band knife horizontal vacuum splitting machine

# 龍門吸盤式開片機



## Model: SM-690C

### Function :

#### ● Single sheet splitting operation

#### Characteristics:

- Automatic reciprocating and forward splitting  
Saves transfer time of raw material.  
Increases productivity.
- Automatically thickness adjusting every splitting is controlled by PLC.  
Only leave 3mm on the table save labor than traditional loop splitting (transfer time)
- Only need one person for operation (collecting finished products).  
Save labor (traditional type of needs one person to feed raw material block and two people to collect products.)



photo for reference only

## Model: SM-690B



photo for reference only

### 功能:

#### ● 單片剖片

### 特點:

- 往返式自動送料,節省以人工送料的時間,可大幅提高產能。
- 剖片厚度自動調整,剖片速度快、厚度精準,最後餘料僅為3mm。
- 僅須一人即可工作(負責收料)節省人工成本。(傳統剖片方式需一人送料,二人收料。)

## Technical data and model description

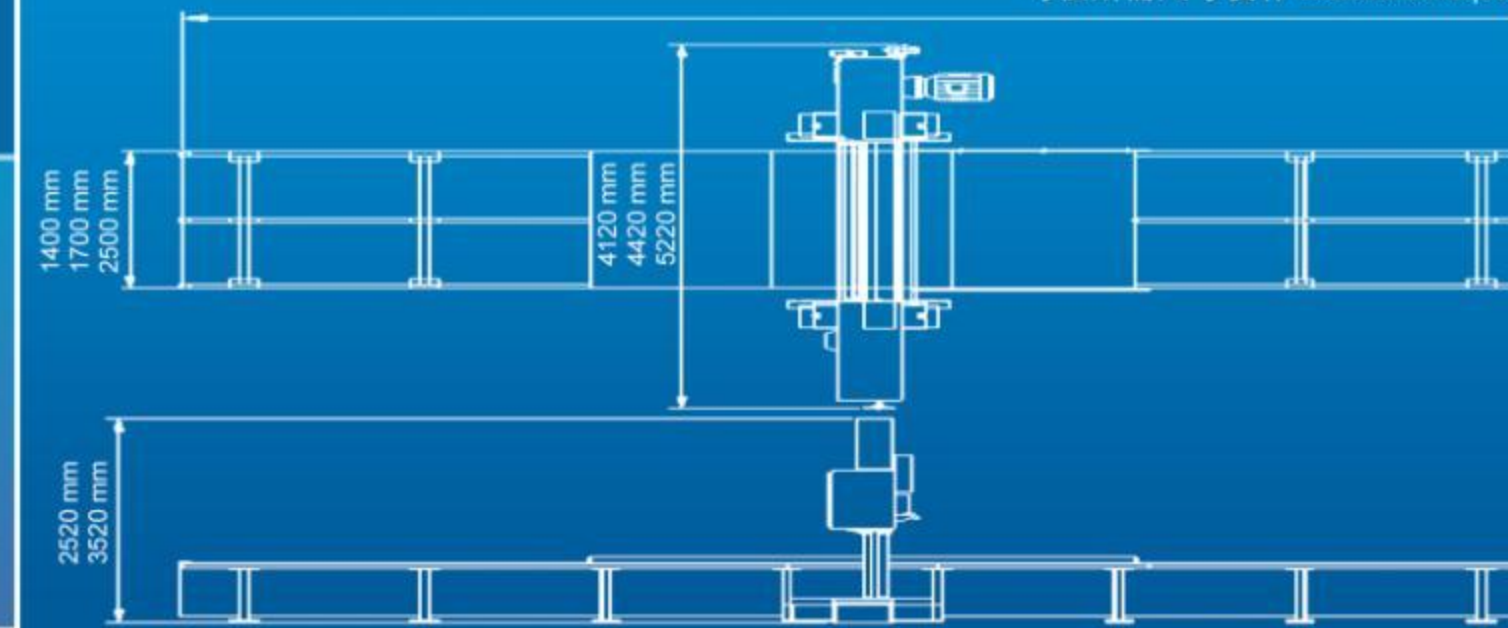
(根據不同材料而定)

型號 Model	材料寬度 Block Width	材料厚度 Block Height	承載材料方式 Material Transfer Method	最小開片厚度 Minimum Splitting Layer	開片公差 Splitting Tolerance	餘料厚度 Left Thickness	材料硬度範圍 Splitting Hardness (Shore C)	主機構材質 Splitting Main Structure Material	材料前進速度 Material Forward Speed	厚度調整精度 Splitting Thickness Setting Accuracy	自動進刀功能 Knife Edge Position Auto Setting	適用開片材質 Splitting Material
SM-690	1300mm	200mm	Conveyor	0.2mm (Depend on material)	+/-0.05mm or 1% (Depend on material)	3mm	3~60 (Depend on material)	Casting steel	Up to 50/80 M/min	0.01mm	PLC Controlled	EVA/PE/ Rubber/ SBR/CR/ Neoprene/ EPDM/ TPE...etc.
SM-690R		120mm										
SM-690B	200mm											
SM-690C	2400mm	1200mm	Table									

Final Spec. is according to contract

## Machine Dimensions

可依所需尺寸製作 customized request possible



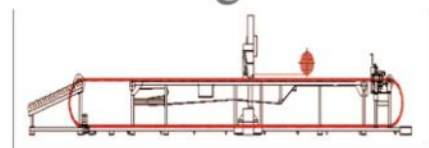


# Bandknife loop Vacuum splitting machine

# 龍門吸盤式開片機



Model: SM-690T  
Ten Sheeg Machinery Co., Ltd.



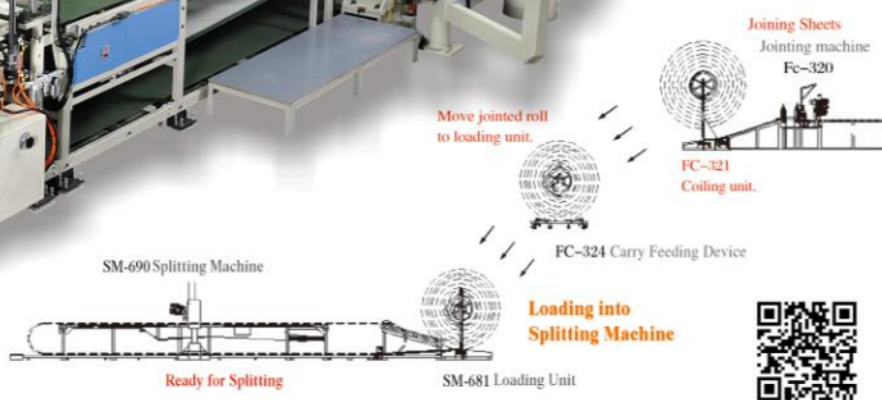
SM-690T



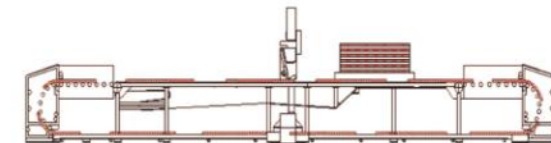
photo for reference only

## From sheets to roll operation flow

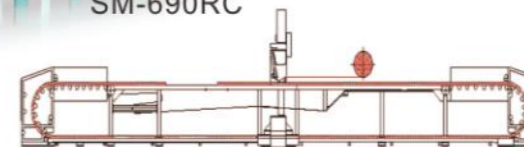
This operation flow and the machines is better and much easier for operator than old operation flow



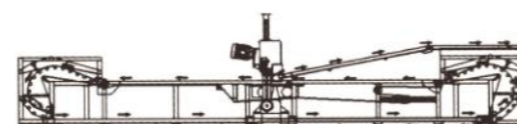
SM-690RC



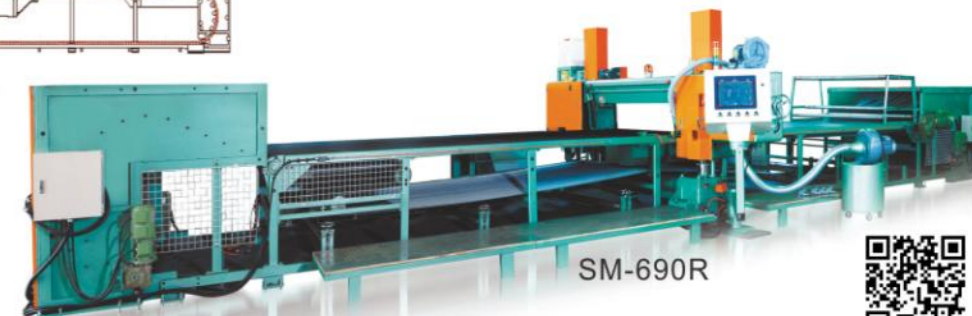
Drawing 1(圖1)SM-690R



Drawing 2(圖2)  
SM-690R



Drawing 3(圖3)SM-690RC



SM-690R

photo for reference only



## Function :

### ● Loop splitting operation

Characteristics:

- With welding device can join EVA or PE into a roll for loop splitting.
- Splitting and collecting in one. Not like traditional production lines that need several small machines to work together.
- Automatically adjusting of thickness every splitting is controlled by PLC. Only leave 3 mm on the table. Save more labor than traditional Loop splitting.(transfer and collect roller time)
- Block is automatically balanced and re-located by PLC, don't need people to fixate the material while block is lost balance.
- Only need one person for operation, save labor. (Traditional production lines need 3~4 people )

## 功能:

### ● 環狀材料連續剖片

特點:

- 僅需此套設備即可同步進行剖片及收捲成品, 突破傳統連續剖片必需有-運料機, 捲料機等多台機械設備才能工作之缺點。自動剝片式連續剖片至整捲材料完畢, 最後餘料為3mm, 厚度自動調整, 剖片速度快, 厚度精準, 節省傳統連續剖片需以人力搬料及收料的時間, 可大幅提高產能。
- 自動剝片式連續剖片至整環材料完畢, 最後餘料為3mm, 厚度自動調整, 剖片速度快, 厚度精準, 節省 傳統連續剖片需以人力搬料及收料的時間, 可大幅題高產能。
- 自動定位對邊功能, 剖片過程中如原料有歪斜時, 可自動導正原料, 不需人工拉料定位。
- 僅需一人即可操作, 節省人力成本。(傳統連續剖片工作需3~4人)

## Model: SM-690R

### Function 1

#### ● Multiples sheets cycling splitting operation (Drawing 1)

Characteristics:

- Can load several sheets into machine to have continuous splitting in cycle. Save labor and time.
- Automatically adjusting of thickness, every splitting is controlled by PLC. Only leave 3mm on the table, will save more labor than traditional splitting (transfer time)

### Function 2

#### ● Loop splitting operation & Raw material sheet fixed length splitting (Drawing 2 & Drawing 3)

Characteristics:

- Loop splitting operation & block fixed length splitting operation (Drawing 2& Drawing 3)
- Automatically adj using of thickness' every splitting is controlled by PLC. Only leave 3mm the table. Save more labors than traditional loop splitting. (block transfer and collect roller time)
- Automatically balanced and re-located by PLC, don't need people to fixate block while block is lost balance.
- Only need one person for operation save labor. (traditional production lines need 3~4 people)

### 功能一

#### ● 連續多片剖片(圖1)

特點:

- 連續進行式自動送料剖片, 可多片材料連續進行剖片, 不需人工送料, 節省時間及人力。
- 厚度自動調整, 剖片速度快, 產能高, 厚度精準, 餘料厚度僅為3mm。
- 僅需二人操作(負責收料), 節省人力成本。

### 功能二 (圖2) & (圖3)

#### ● 環狀連續式剖片&固定長度剖片

特點:

- 僅需此套設備即可同步進行剖片及收捲成品, 突破傳統連續剖片必需有-運料機, 捲料機等多台機械設備才能工作之缺點。
- 自動剝片式連續剖片至整環材料完畢, 最後餘料為3mm, 厚度自動調整, 剖片速度快, 厚度精準, 節省傳統連續剖片需以人力搬料及收料的時間, 可大幅題高產能。
- 自動定位對邊功能, 剖片過程中如原料有歪斜時, 可自動導正原料, 不需人工拉料定位。
- 僅需二人即可操作, 節省人力成本。(傳統連續剖片工作需3~4人)

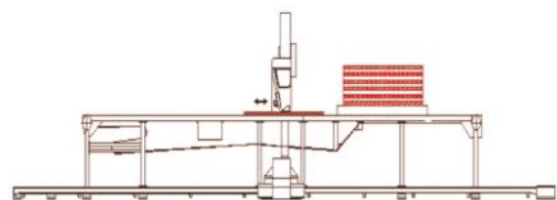


# Bandknife loop Vacuum splitting machine

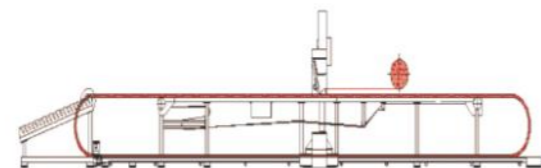
# 龍門吸盤式開片機



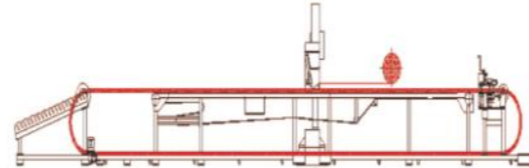
SM-690 / SM-690T / SM-690R / SM-690C / SM-690H / SM-690N / SM-690RC



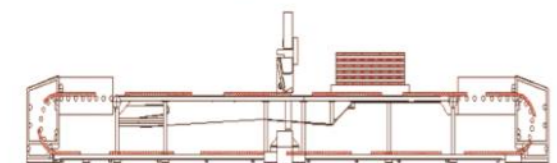
SM-690



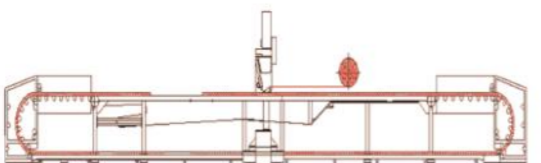
SM-690



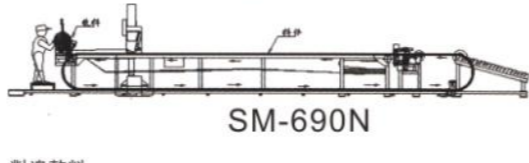
SM-690T



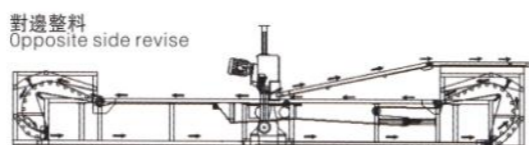
SM-690-R



SM-690R



SM-690N



SM-690RC

**APPLICATION:**  
EVA, PE, RUBBER, SBR, CR, EPDM... etc splitting.

用途: EVA, PE, RUBBER, SBR, CR, EPDM等發泡板材剖片。

## FEATURES:

- Easy operation of friendly PLC inter-face, computer touch screen.
- Thickness controlled and re-located by PLC.
- Position of blade is controlled and re-located by PLC.
- Block is controlled and re-located by PLC.
- Multiple functions:
  1. Shingle sheet splitting.
  2. Loop splitting.
  3. Block fixed length splitting.
  4. Multiple sheets cycling splitting.
- Automatic sliced piece counting function.
- Automatic slice length counting function.
- Dust collector for blade sharpener.
- Splitting tolerance:  $\pm 0.05\text{mm}$  or  $\pm 1\%$  (depend on material and with level material)

## 特點:

- 電腦觸控螢幕操作面板, 操作完全自動化簡單易學。
- 厚度自動調整。
- 自動進刀功能。
- 原料自動對邊整料定位。
- 多種剖片功能選擇:
  1. 單片往式剖片。
  2. 環狀連續剖片。(可設定三種剖片厚度連續剖片作業)。
  3. 原板固定長度剖片。
  4. 連續多片單片剖片。
- 剖片自動計片功能。
- 剖片自動計功能。
- 磨刀粉塵自動吸塵裝置。
- 平面材料剖片公差:  $\pm 0.05\text{mm}$  or  $\pm 1\%$ 。(依材料而定)

## Model: SM-690

### Function 1. (Drawing 1.)

#### ● Single sheet splitting operation

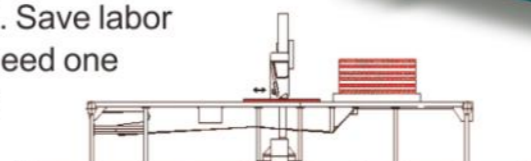
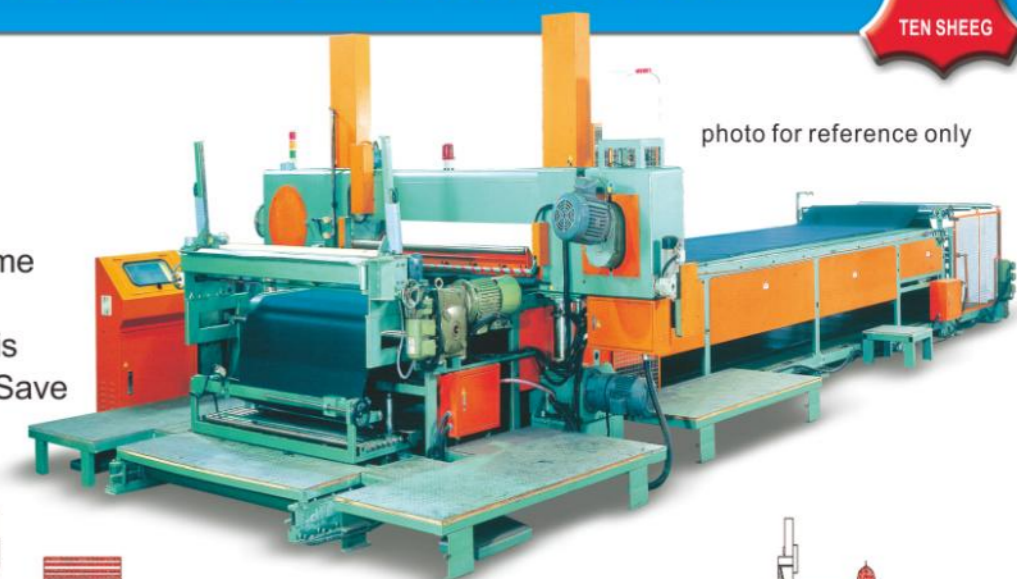
Characteristics:

- Automatic reciprocating splitting saves transfer time of block. Increases productivity.
- Automatically thickness, adjusting every splitting is controlled by PLC. Only leave 3mm on the table. Save labor than traditional loop splitting (transfer time)
- Only need one person for operation (collecting finished products). Save labor (traditional production lines need one person to feed block and two people to collect products.)

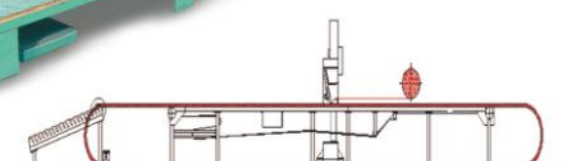
### Function 2. (Drawing 2.)

#### Loop splitting operation

- Splitting and collecting in one. Not like traditional production lines that need several small machines to work together.
- Automatically adjusting of thickness every splitting is controlled by PLC. Only leave 3mm on the table. Save more labors than traditional loop splitting. (transfer and collect roll time)
- Block is automatically balanced and re-located by PLC, don't need people to fixed block while block is lost balance.
- Only need one person save labor. (Traditional production lines need 3~4 people)



Drawing 1(圖1) SM-690



Drawing 2(圖2) SM-690

## 功能一(圖1)

### ● 單片剖片

特點:

- 往返式自動送料, 節省以人工送料的時間, 可大幅提高產能。
- 剖片厚度自動調整, 剖片速度快厚度精準, 最後餘料僅為3mm。
- 僅須一人即可工作(負責收料)節省人工成本。(傳統剖片方式需一人送料, 二人收料。)

## 功能二(圖2)

### ● 環狀材料連續剖片

特點:

- 僅需此套設備即可同步進行剖片及收捲成品, 突破傳統連續剖片必需有-運料機、捲料機等多台機械設備才能工作之缺點。
- 自動剖片式連續剖片至整環材料完畢, 最後餘料為3mm, 厚度自動調整, 剖片速度快, 厚度精準, 節省 傳統連續剖片需以人力搬料及收料的時間, 可大幅提高產能。
- 自動定位對邊功能, 剖片過程中如原料有歪斜時, 可自動導正原料, 不需人工拉料定位。
- 僅需一人即可操作, 節省人力成本。(傳統連續剖片工作需3~4人)



# Bandknife splitting machine

# 精密開片機



Model: SM-616 / SM-616-2WD / SM-616H / SM-613 / SM-613-2WD / SM-613H

## Features:

- Automatic band-knife adjustment:  
The front edge position of bandknife is monitored by a sensor and knife moves forward automatically to correct position as knife gets narrower while grinding
- Bandknife is continuous sharpened while splitting.
- Motorized height adjustment of the upper and lower feeding roller to regulate layer thickness.
- Vacuum dust collector for blade sharpener.
- Splitting tolerance: +/-0.05mm or +/- 1%(depend on material)  
When starting with level material.



photo for reference only

## 特點:

- 刀片自動進刀定位調整:  
磨刀時刀口的耗損，由電眼感應，自動將刀片向前推進，保持刀口原來標準的位置。
- 剖片時可選擇連續磨刀，保持刀口銳利。
- 上下送料輪升降（剖片厚度）由計數器設定自動調。
- 磨刀粉屑自動吸塵裝置。
- 平面材料剖片公差：+/-0.05mm or +/-1%。  
（依材料而定）

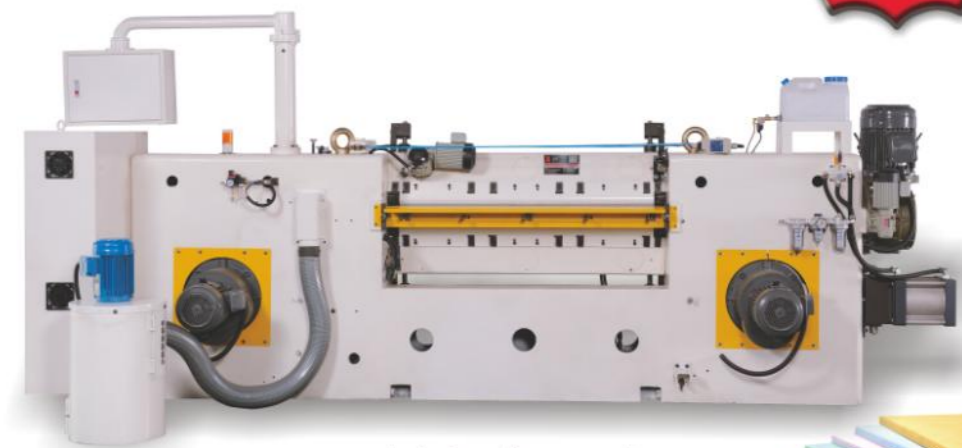


photo for reference only

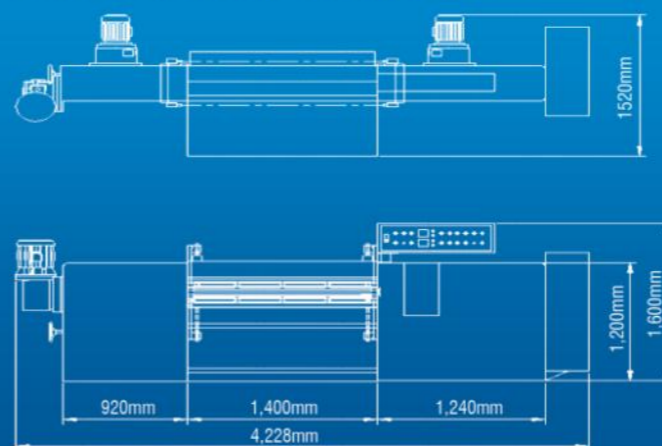
## Technical data and type description

型號	Model	SM-616	SM-616-2WD	SM-616H	SM-613	SM-613-2WD	SM-613H
工作寬度	Working width	1600mm	1600mm	1600mm	1300mm	1300mm	1300mm
開片厚度	Splitting thickness	50mm Above上:25mm Below下:25mm	50mm Above上:25mm Below下:25mm	145mm Above上:45mm Below下:100mm	Above上:25mm Below下:25mm	Above上:25mm Below下:25mm	Above上:45mm Below下:100mm
剖片方式	Splitting type						
可剖片硬度	Splitting hardness (shore c)	0~60	70~90	10~75	0~60	70~90	20~75
適用剖片材質	Splitting materials	EVA,PE,SBR CR,EPDM Nonwoven fabrics.(不織布)	RUBBER slab(橡膠板) NEOLITER(美耐板) HARD EVA(硬質EVA) PVC flooring and similar hard material 或其它硬質材料In warm condition	EVA,PE, and similar material	EVA,PE,SBR CR,EPDM Nonwoven fabrics.(不織布)	RUBBER slab(橡膠板) NEOLITER(美耐板) HARD EVA(硬質EVA) PVC flooring and similar hard material 或其它硬質材料In warm condition	EVA,PE, and similar material

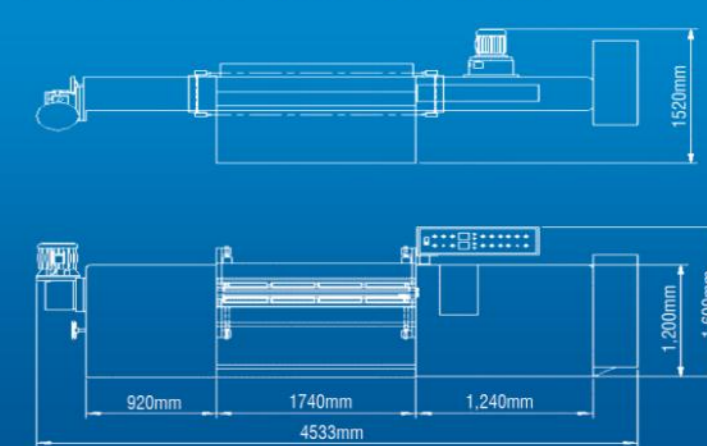
Final Spec is according to contract

## Machines Dimensions

### ● TYPE: SM-613/SM-613-2WD/SM-613H



### ● TYPE: SM-616/SM-616-2WD/SM-616H





# Highest speed splitting machine 高速開片機

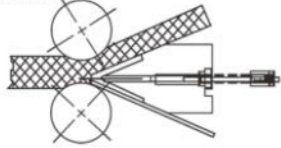


**Features:** ● Change bandknife without taking bandknife fixing table apart.  
● Splitting and sharpen blade without water.

**特點:** ● 更換刀片免拆壓板結構。 ● 免用水冷卻刀片,零件使用壽命長。

**Model(機械型號): SM-601 / SM-602**

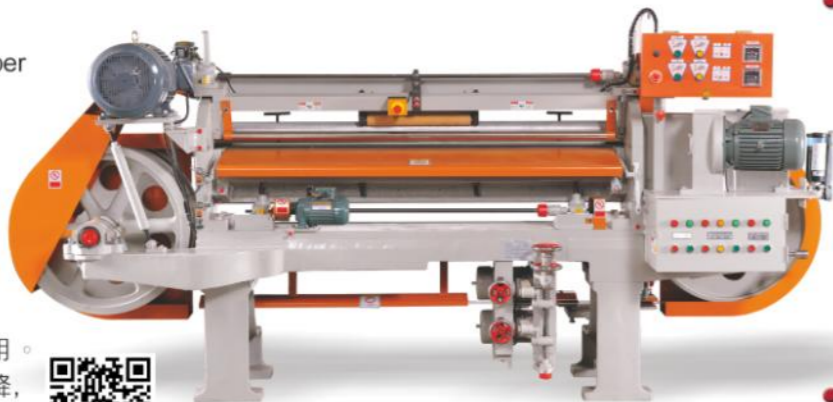
- Feeding roller speed is controlled by firm and durable gearbox.
- Motorized height adjustment of upper feeding roller. Lower feeding roller is adjusted by manual.



- 送料輪傳動採齒輪變速,堅固耐用。
- 上送料輪由計數器設定,自動昇降,下送料輪手動調整昇降。

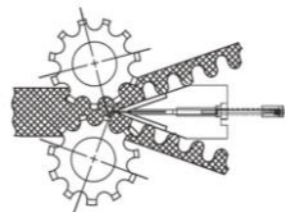


photo for reference only

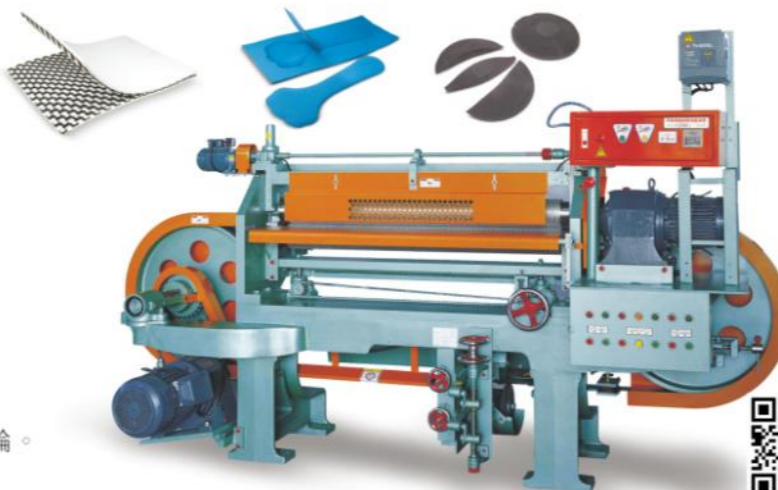


**Model(機械型號): SM-675 / SM-676 (割凹凸專用機型)**

- Changeable pattern roller.

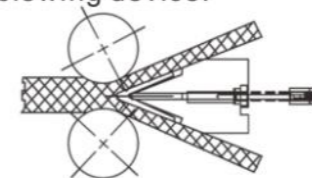


- 可更換不同樣式之凹凸輪。



**Model(機械型號): SM-635 / SM-636(割軟質材料機型)**

- Motorized height adjustment of upper and lower feeding roller s.
- Feeding roller speed is controlled by inverter.
- Conveyor belt feeding
- Automatic lubrication device
- Air blowing device.



- 送料輪傳動採變頻器,速度可自由調整。
- 上下送料輪由計數器設定自動調整。
- 輸送帶輔助送料。
- 自動打油潤滑結構。
- 壓板吹氣結構。



photo for reference only

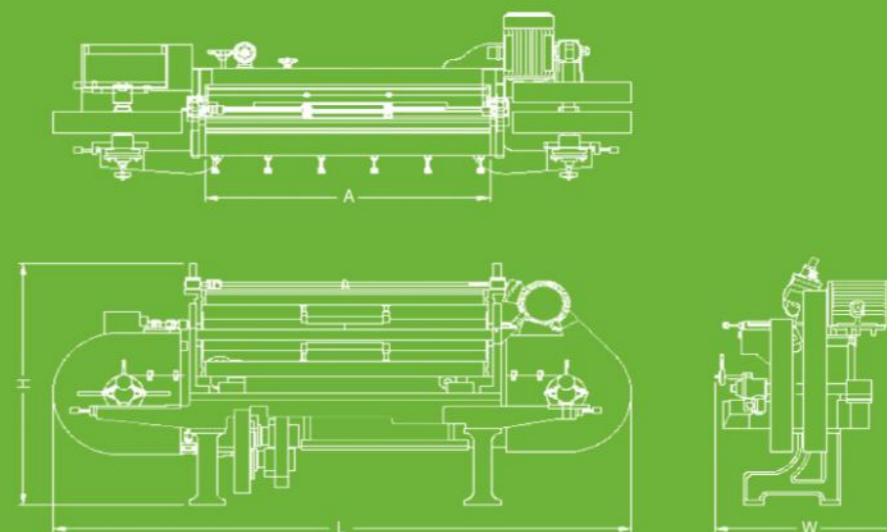


## Technical data and model description

型號	Model	SM-601	SM-602	SM-675	SM-635	SM-636
工作寬度	Working width	1800mm (72")	1500mm (60")	1500mm (60")	1500mm (60")	1800mm (72")
總馬力	Power	12.5HP	12.5HP	12.5HP	12.5HP	12.5HP
每分鐘開片速度	Splitting speed (Reference參考值)	10~40	10~40	4~14	10~40	10~40
Depend on material and operating		M/min	M/min	M/min	M/min	M/min
可剖片總厚度	Splitting thickness	150mm Above上:100mm Below下:50mm	150mm Above上:100mm Below下:50mm	50mm Above上:25mm Below下:25mm	100mm Above上:50mm Below下:50mm	100mm Above上:50mm Below下:50mm
可剖出薄片	Splitting thin sheet	1mm	1mm	1mm	1mm	1mm
可剖片硬度	Splitting hardness (Shore C)	10 ~ 75 (發泡度)	10 ~ 75 (發泡度)	10 ~ 40 (發泡度)	5 ~ 75 (發泡度)	5 ~ 75 (發泡度)
適用剖片材質	Splitting materials	EVA, PE, PVC, RUBBER and similar ,material.	EVA, PE, PVC, RUBBER and similar ,material.	EVA, PE, SBR, CR, EPDM and similar material.	EVA,PE,SBR,CR,EPDM and similar soft material	EVA,PE,SBR,CR,EPDM and similar soft material
剖片方式	Splitting type					

Final Spec is according to contract

## Machines dimensions:



規格	長	寬	高	機械重量
MODEL	L	W	H	N / W
SM-601	3800mm	1250mm	2000mm	2800kgs
SM-602	3600mm	1250mm	2000mm	2600kgs
SM-636	3800mm	1500mm	2000mm	3000kgs
SM-635	3600mm	1500mm	2000mm	2800kgs
SM-675	3600mm	1250mm	2000mm	2800kgs

Final Spec is according to contract



# Sloop splitting machine 斜度切割機



**Application:** Cut slope shape for the front or rear end and half arch of sole material

用途: 鞋底材料之前端,後端及斜面之形狀切削,鞋底半叉切削斜面等。

**Model(機械型號): TS-721**

**FEATURES:**

- Special device for splitting EVA one-PCs middle soles or rubber sole without changing roller. (front and rear t thickness) and middle slope length can be adjusted.
- Motorized height adjustment of the upper and lower feeding roller to regulate the length of slope and thickness of front and rear portions.
- Safety cover for CE standard

**用途:**

- 本機特有的輪子可設定調整所需之尺寸(前後厚度, 中間斜度), 突破傳統不同尺寸即需更換模具輪之作法, 節省模具輪費用及更換模具輪時間。(如EVA或橡膠等材質之發泡鞋底)
- 尺寸設定採電子數字輸入, 操作簡單。
- 完全密封式設計, 安全性高。



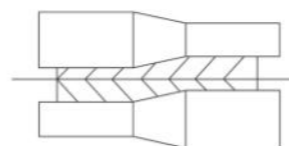
photo for reference only



**Model(機械型號): TS-701 / TS-702**

**FEATURES:**

- Available for installing automatic feeding device (after die-cut) into small piece.
- Needs to change mould roller.



**用途:**

- 可加裝自動喂料裝置, 快速剖割半叉鞋底。
- 可依所需之尺寸制作斜度輪來切削前後端之厚度及斜面或弧面。

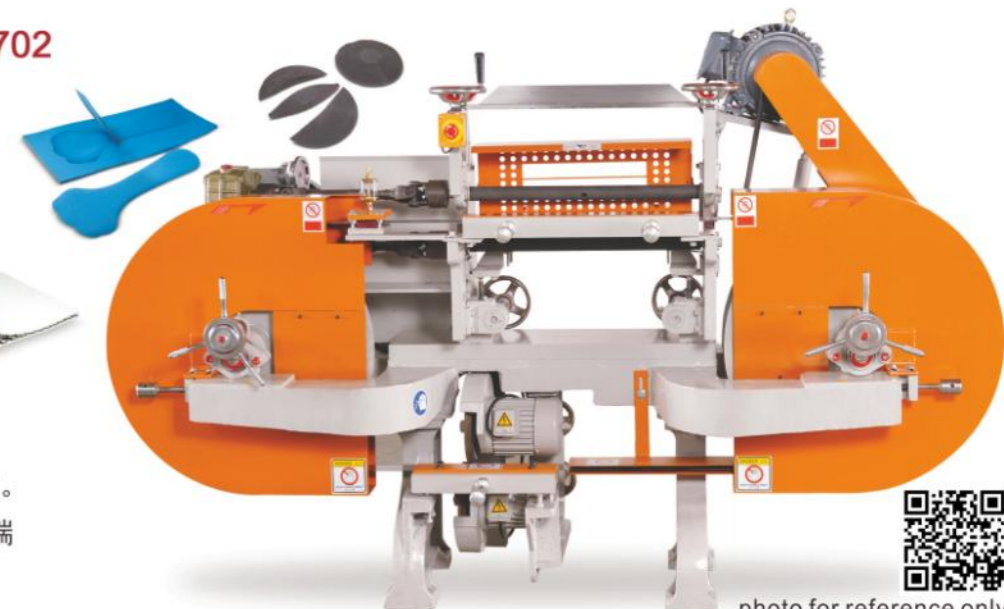


photo for reference only



## Technical data and model description

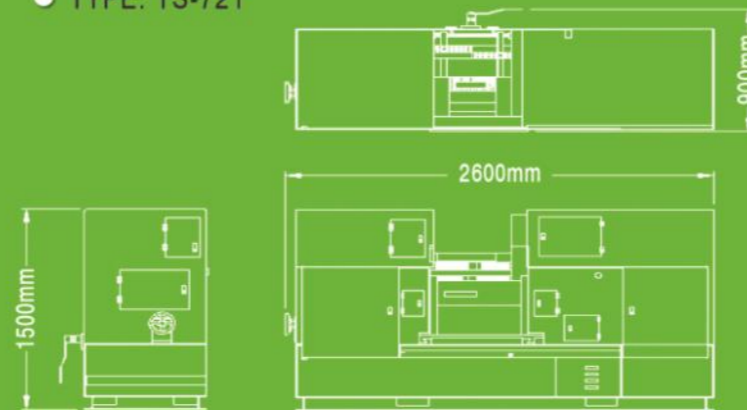
(根據不同材料而定)

型號 Model	工作寬度 Working width	總馬力 Power	每分鐘產能 Productivity per minute 參考值(reference)	可開片厚度 Splitting thickness	可開片厚度 Splitting hardness Shore C
TS-721	500mm (20")	5HP	6~23M/min	3~50mm	30~60
TS-701	600mm (24")	5HP	6~23M/min	3~70mm	30~60
TS-702	760mm (30")	7HP	6~23M/min	3~70mm	30~60

Final Spec is according to contract

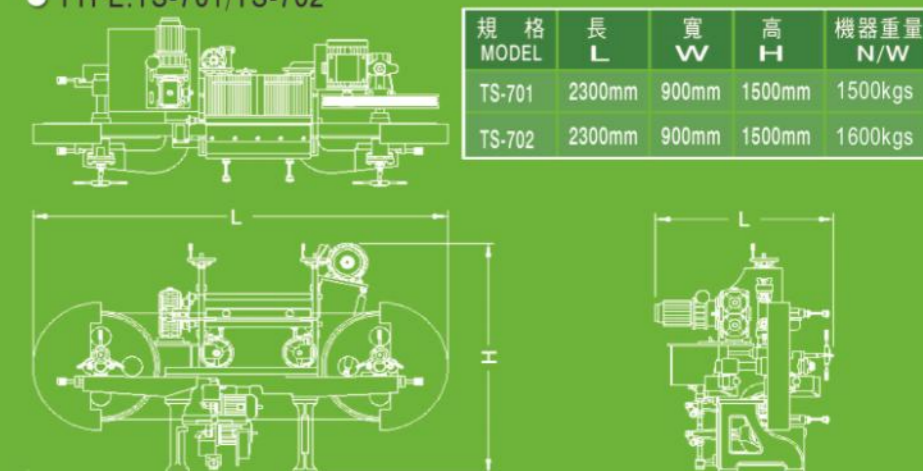
## Machines dimensions:

● TYPE: TS-721



機械重量 (N/W) N:2500KGS

● TYPE: TS-701/TS-702







# 電熱式貼合機 HC-368 / HC-368C Thermoelectric laminating machine

用途：EVA與EVA貼合/EVA與膠膜貼合/EVA與不織布地毯貼合/EVA與草蓆貼合/EVA表面壓花紋。

## APPLICATION:

Laminating EVA+EVA、EVA+ film、EVA+ carpet、EVA+ surface pattern embossment

本機特點：

1. 採用電熱熔貼，無需使用膠水及任何接著劑，成品符合環保要求。
2. 本機壓花功能優點：
  - 可按使用者需求製作各式各樣花紋之模輪，亦可在花紋中加入使用者公司商標。
  - 可取代發泡花紋模板之功能，一般使用花紋模板發泡後的板材僅上、下兩面有花紋，如剖取上、下花紋面當成品後，中間的部分便成為庫存料或廢料，相當浪費材料。
  - EVA板材先經剖片機剖出成品所需之厚度後再壓花紋作為成品出售，完全沒有存料的困擾。
  - 壓花及黏貼膠膜可同時一次完成。

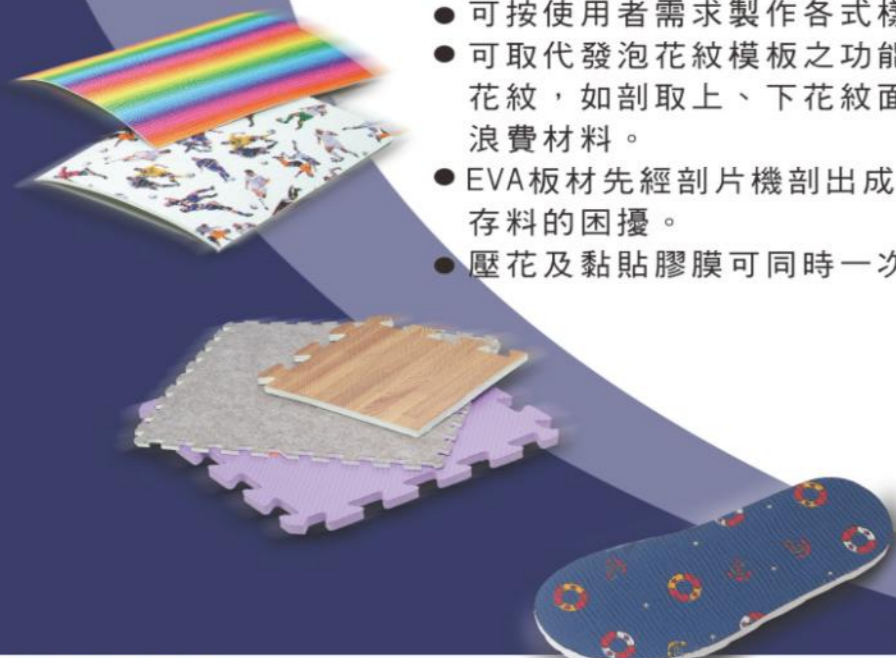


photo for reference only

The machine is with following patent ( All rights reserved ). 本機擁有以下各項專利 ( 仿造必究 ) :



證書NO: ZL9827270.2

## FEATURES:

1. Thermoelectric lamination doesn't need to use glue or any kind of adhesive. (environment safe )
2. Special surface-pattern converting;
  - Customized pattern roller for customer's request. (making company logo is available on pattern roller)
  - Save money. Solve problem of stocking and making many press moulds. Split into required thickness then use machine for embossment. Middle part of form can be used after embossment to reduce foam stock.
  - One pattern roller cost is less than set of heating press mould.
  - Laminating foam with film and surface embossment can be done at once.

## 規格: SPECIFICATIONS:

機械型號	MODEL NO	HC-368	HC-368C
工作寬度	Working width	1550mm	1550mm
馬力	Power	1 1/4HP	2HP
電力	Thermoelectric power	13.55kw	13.55kw
每小時產量	Productivity per hour	420M (參考值) (REFERENCE)	420M (參考值) (REFERENCE)
機械尺寸	Machine dimension	L420 X W220 X H180cm	L580 X W220 X H180cm
機械重量	Machine weight	2000 kgs	2500 kgs
切刀裝置	Cutter device	NO(無)	YES(有)

Final Spec is according to contract



# 電熱式EVA&PE發泡板材貼合機 HC-358

## HC-358 Thermoelectric laminating machine

**用途:** 貼合EVA或PE 1.增加板材厚度。2.厚底拖鞋或兒童玩具用。3.包裝材料用。4.不同密度/硬度材料貼合。

**APPLICATION:** Lamination for EVA or PE material 1.Increasing raw material block thickness. 2.High-heels sandals or child furniture. 3.Package industry. 4.Different density or hardness laminating.

**本機特點:** 1. 使用電熱熔貼。2.無需使用膠水或任何接著劑。  
**FEATURES:** 1. Thermoelectric welding and bonding two materials  
2. No need any glue or adhesive material between two raw materials

- 設備介紹:
  - 電熱貼合裝置, 可加溫到500°C, 內附冷卻管綫。
  - 出料輸送帶, 可加壓使材料貼合更牢固, 并使操作者容易取出貼合後材料。
  - 過熱警告裝置。
- 工作寬度:
  - 標準: 1300mm
  - 可客制化。
- 材料最大長度:
  - 標準: 2400mm
  - 可客制化。
- 貼合高度:
  - 標準: 300mm
  - 可客制化。
- 機臺尺寸: L5.7xW3xH2(M)
- 總馬力:4HP
- 電力:12KW
- 建議材料厚度大於10mm(依材料而定)
- 建議使用已修邊及表面平整之材料。



photo for reference only

- Machine structure:
  - Thermoelectric laminating element with cooling pipes. Temperature setting is up to 500-Celsius degree.
  - Take out conveyors for taking laminated materials out from heating element and offering pressure on martial for better laminating effect.
  - Over heat safety alarm installed.
- Working width:
  - Standard: 1300 mm
  - Customized working width is possible.
- Maximum working length:
  - Standard: 2400 mm
  - Customized working length is possible.
- Laminating height:
  - Standard: 300 mm
  - Customized working height is possible.
- Machine dimension: L5.7 x W3 xH2 (M)
- Total driving power: 4HP
- Total heating element power: 12 KW
- Recommend block thickness: more than 10 mm. (depend on material.)
- Using edge trimmed and surface skived (flat) block is recommended.



# 熱油式貼合機HC-369

## HC-369 Thermo Lamination Machine

**功能描述:** 此貼合機為採用獨立模溫機控制加熱筒溫度, 以達到精密溫度控制, 此機台使用於熱溶膠膜貼合EVA發泡材料

**APPLICATION:** With precision independent heating temperature controlling system, the machine can set precision temperature while lamination task processing. The main function is to laminate fabric with EVA sheet by Hot-melt adhesive film.

- 設備介紹:
- 材料在輪面運轉速度可調整
  - 冷卻水可使用常溫水
  - 收捲料機裝置
  - 9.6KW-250°C熱油溫度控制機, 最高可調250度

**FEATURES:**

- Speed can be adjusted when material is running.
- Cooling water can use room temperature water.
- Coil Feeding Device
- 9.6KW-250°C High Oil temperature controller. The highest temperature can be 250 degrees.

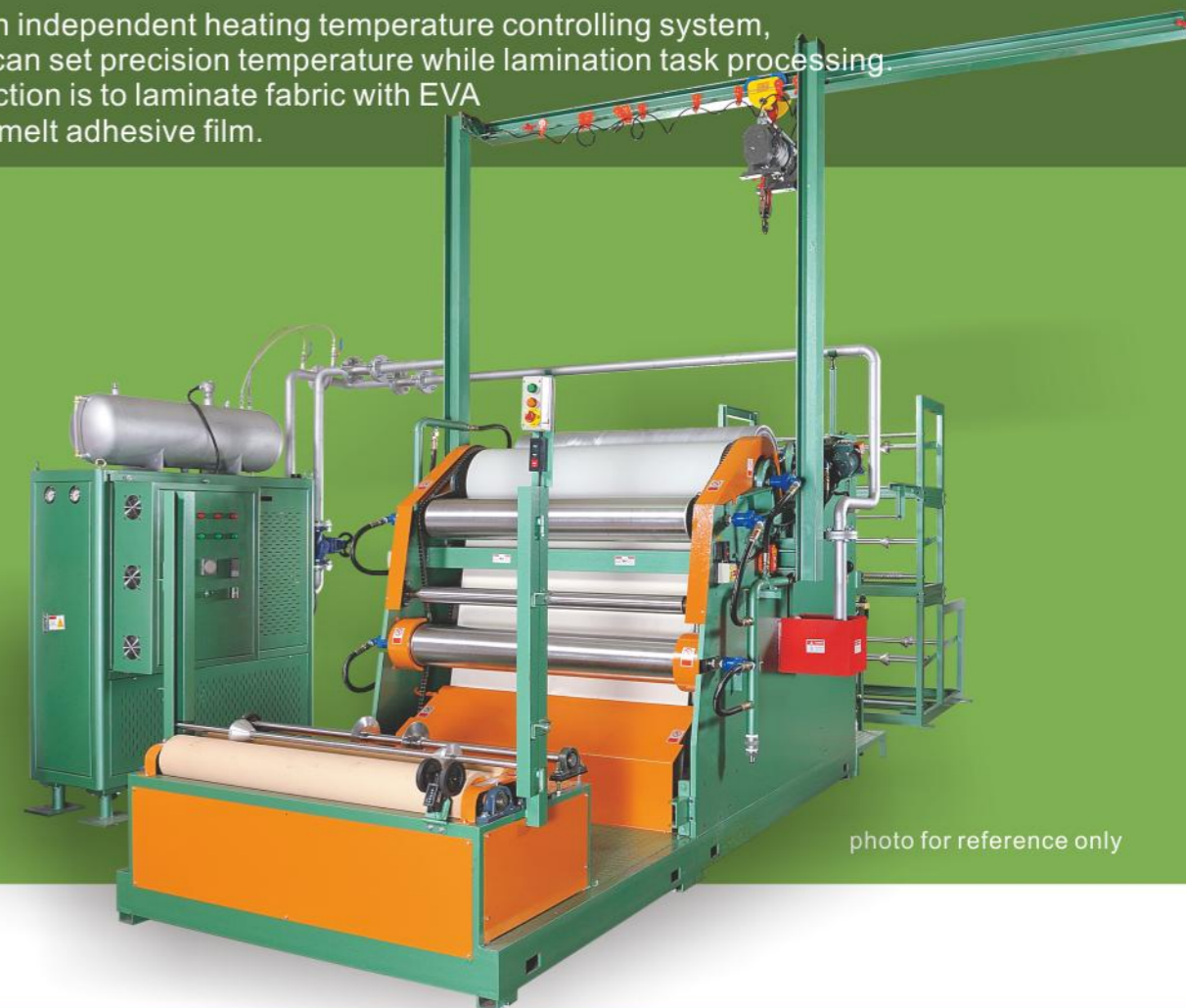


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### 規格: SPECIFICATIONS

工作寬度	Working width	1200mm	1600mm
機械尺寸	Machine dimension	L6500xW3000xH4000mm	L650xW3400xH4000mm
機械重量	Machine weight	3000KGS	3500KGS



# 電熱式自動切邊接片機&自動捲料機 FC-N320 / FC-321

## Thermoelectric automatic cutting edge & conjunction machine.

用途：EVA、PE塑膠發泡板，電熱熔接成捲。

**APPLICATION:** Welding and jointing EVA、PE、sponge sheets into roll by thermoelectric heat.

本機特點：

1. 採電熱熔接，無需使用膠水及任何接著劑，成品符合環保要求。
2. 自動切邊，切料頭料尾，板材進入本機後切邊、切頭切頭尾至熔接一貫作業完成，省時、省工、產能高。
3. 紅外線導正原料裝置，讓板材對正切邊刀後進行切邊，避免原料歪斜而造成切割不正，浪費材料。



The machine is with following patents (All rights reserved). 本機擁有以下各項專利(仿造必究)：



德國：G93199406



美國：5843275  
5415722



台灣專利證書：  
NO: 91657  
NO: 954349  
NO: 48854  
NO: 132739  
NO: 121960  
NO: 108583



大陸：ZL 9820841.6.1  
ZL 9722021  
ZL 95222509.3  
ZL 93241482.6

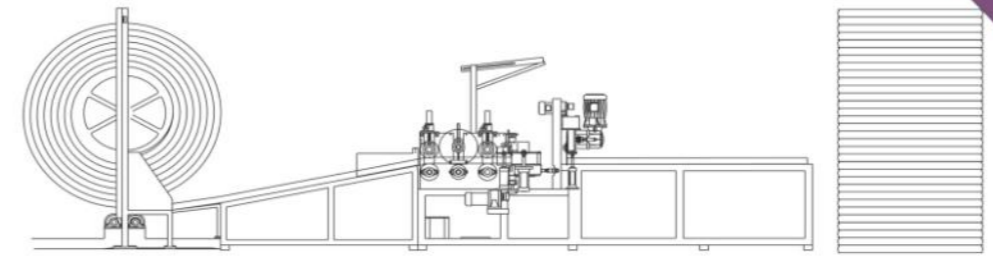


photo for reference only.



Final Spec is according to contract

規格：SPECIFICATIONS:

### FEATURES:

1. Use thermoelectric heat welding and jointing, no need to use glue or any kind of adhesives. (environment safe)
2. Motorized cutting front, rear and both sides portion of block, and welding at once. Save time and increase productivity.
3. Laser guide line is user-friendly.

FC-321

FC-N320

機械型號	MODEL NO	FC-N320	FC-321
工作寬度	Working width	1550mm	1550mm
總馬力	Power	6HP	2HP
接片厚度	Working thickness	20-100mm	
每小時產量	Productivity per hour	180-200pcs (參考值) (REFERENCE)	
捲料直徑	Coil feeding diameter		3800mm
機械尺寸	Machine dimension	L550 X W210 X H180cm	L155 X W220 X H225cm
包裝尺寸	Packing dimension	L400 X W220 X H220cm	
機械重量	Machine weight(N/W)	2500kgs	1000kgs
包裝重量	Packing weight(G/W)	3000kgs	



# 自動循環式橡膠, PE, EVA整捲自動剖片設備 FC-322/FC-323/FC-324/FC-325

## Motorize circulating rubber, PE, EVA sponge roller material splitting (skiving) equipment

用途：橡膠、PE、EVA等原料黏接成捲後，配合開片機作無限整捲材料的剖片及收捲。

### APPLICATION:

Splitting (skiving) PE or EVA sponges into layer roll after sponge sheets have been jointed into roll.

本機擁有以下各項專利(仿造必究)：The machine is with following patents (All rights reserved).



大陸：ZL 9720296.X



台灣專利證書：  
NO: 132258  
NO: 105121  
NO: 948263

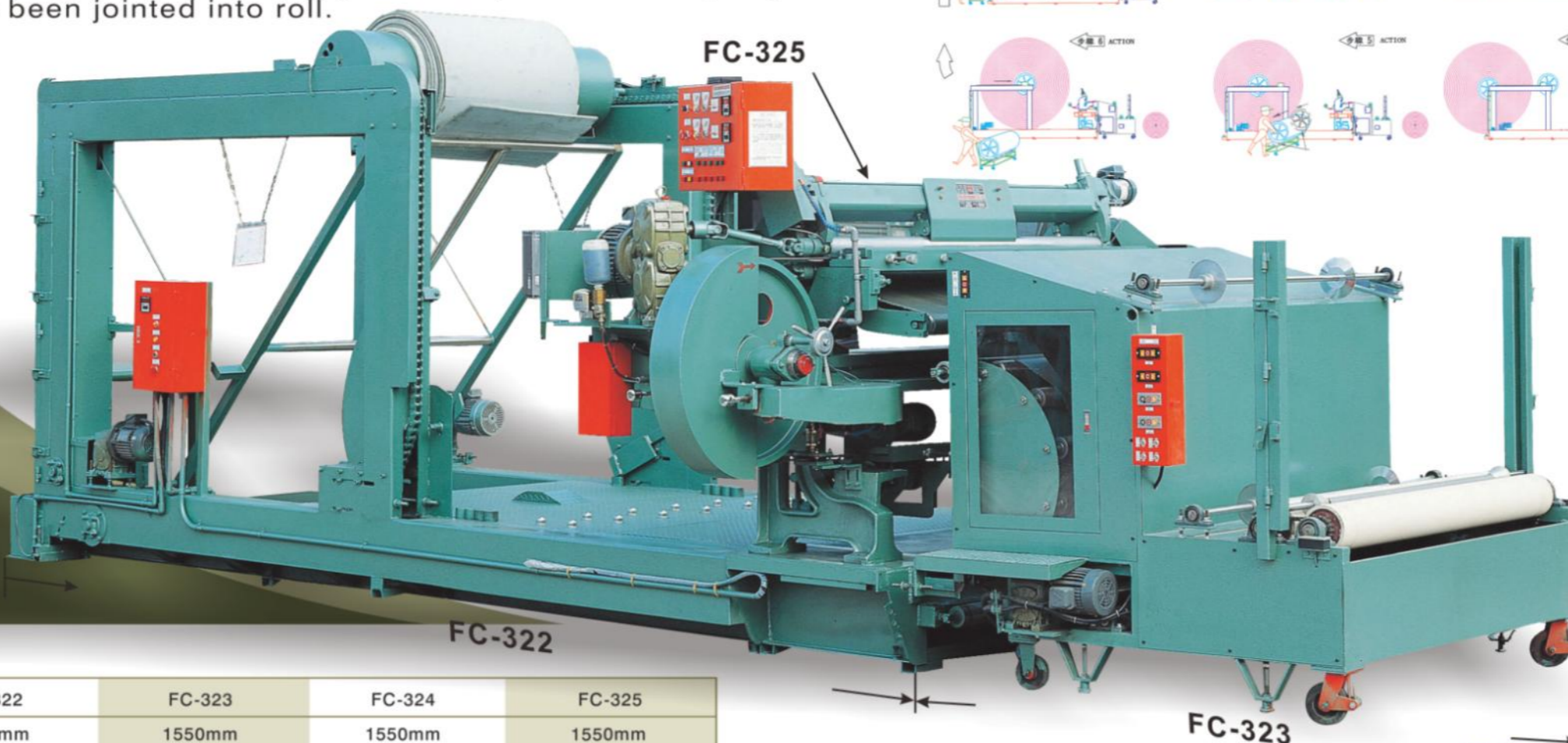
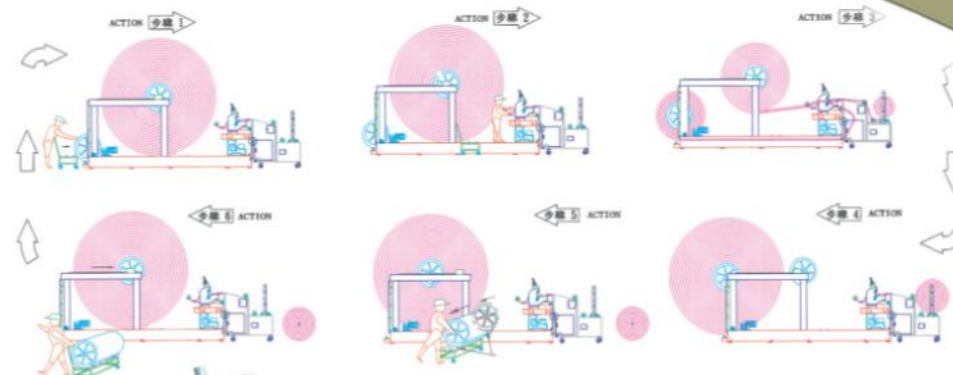


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### 規格：SPECIFICATIONS:

機械型號	MODEL NO	FC-322	FC-323	FC-324	FC-325
工作寬度	Working width	1550mm	1550mm	1550mm	1550mm
總馬力	Power	4HP	3 1/2HP	no	14.75HP
開片厚度	Splitting thickness				0.5-100mm
每分鐘產量	Productivity per minute				10~40M/min (參考值) (REFERENCE)
剖片度公差	Splitting tolerance				0.100mm
機械尺寸	Machine dimension	L600 x W230 x H250cm	L220 x W180 x H160cm	L250 x W200 x H30cm	L390 x W150 x H200cm
機械重量	Machine weight	3500kgs	1500kgs	100kgs	3000kgs

Final Spec is according to contract

### 特點：

剖片流程完全自動，操作簡單（請見本頁上圖之流程步驟圖示）。

### FEATURES:

The production flow is motorized and automatic.  
(Easy to operate)



# 水冷式自動冷卻出料切片機 Water cooling auto slicing machine

MC-963 / MC-965 / MC-967 / MC-969 / MC-9611

用途：EVA、PVC、橡膠等原料發泡前之冷卻及切片。

(所有原料在混合攪拌及壓軋出片的過程中，溫度大約在120度，經由本機冷卻後溫度可降至約室溫30度，原料中的所有配方就不會因高溫而提早發泡或變質，可確保發泡後的材料厚度、顏色、硬度平均提高產品品質。)

APPLICATION: Cool down EVA, PVC, Rubber material to room temperature about 30°C (After mixing and rollers material temperature is about 120°C)

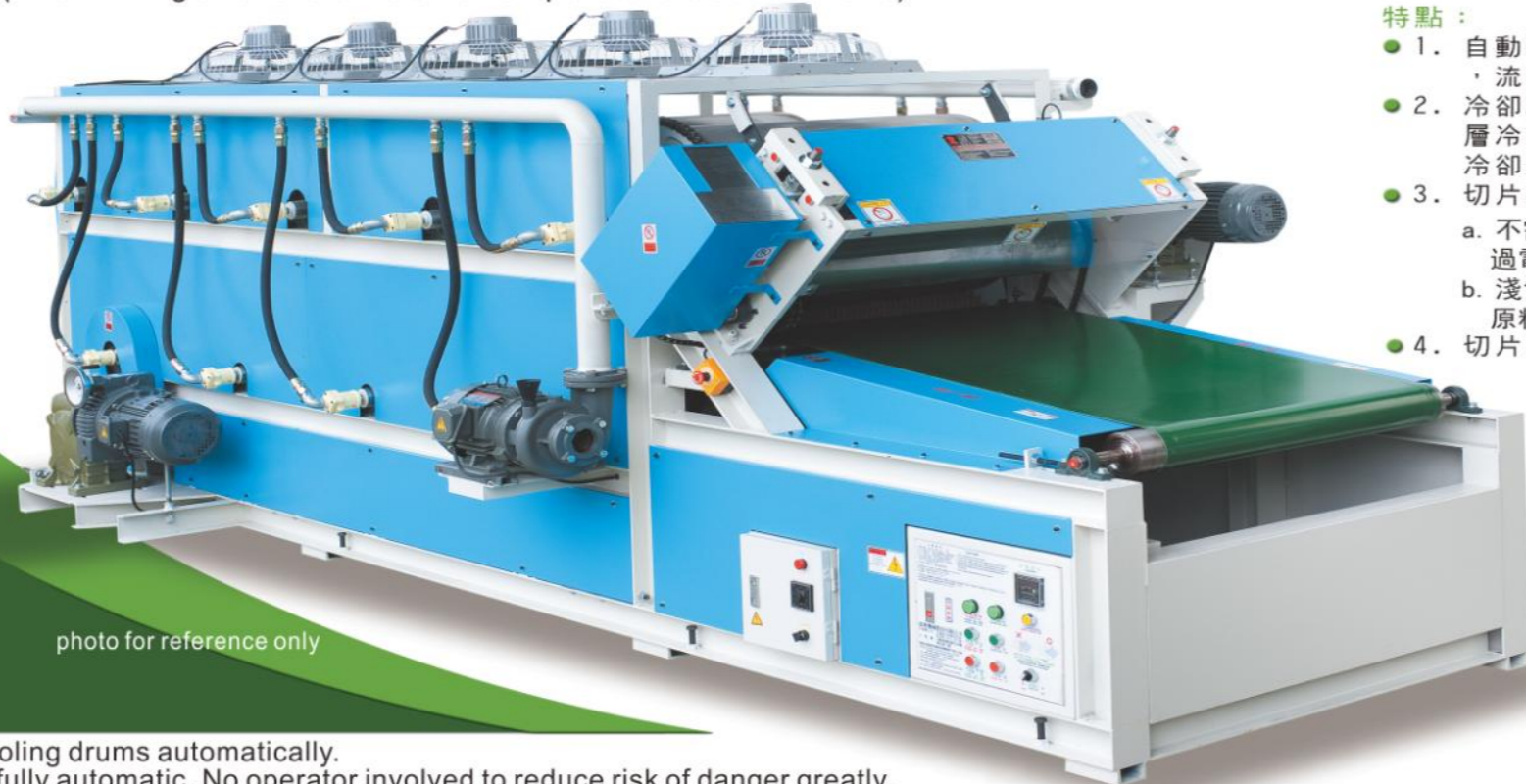


photo for reference only



MC-90型  
1980-1987年機型  
(THE MODEL FROM 1980-1987)



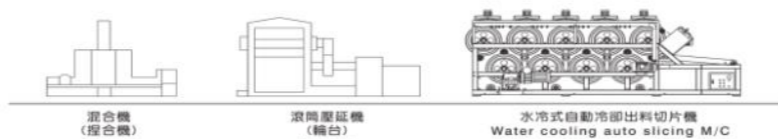
MC-90W型  
1987-1993年機型  
(THE MODEL FROM 1987-1993)



MC-92型  
1983-1996年機型  
(THE MODEL FROM 1983-1996)



MC-96型  
1996-年機型  
(THE MODEL FROM 1996-)



本機擁有以下各項專利(仿造必究):  
The machine is with following patents(All rights reserved)



證書NO: ZL9621978.7.4 新型: P43847

### 特點:

- 1. 自動導料裝置，可將原料自動導入冷卻輪，原料自進入冷卻到切片完成，流程完全自動，不需人工拉料，沒有危險。
- 2. 冷卻輪表面為不鏽鋼材質，原料直接和上層冷卻輪表面接觸後，緊接著和下層冷卻輪表面接觸，原料在上、下二層冷卻輪間相互冷卻，雙重的冷卻作用，冷卻效果好。
- 3. 切片採用冷卻方式，其優點如下：
  - a. 不需使用電熱片，不再有因電熱溫度不夠致無法將原料切斷及灰塵卡在電熱結構上影響過電性及溫度不穩定的問題產生，且原料的頭、尾，不會因溫度的影響而變質。
  - b. 淺色的原料經電熱刀切斷後的部位因受熱變質，發泡後會變黑，必需再由人工切除，浪費原料、人力及時間，本機為冷切方式，沒有這個問題。
- 4. 切片長度採用計數器設定，準確性高，可節省每次切片時長度誤差的原料。
  - 5. 原料在刀台上切斷後再由傳送帶送出，不在傳送帶上切料，沒有因傳送帶被刀片切久了以後，傳送帶表面脫落的線鬚黏在原料上致發泡後產生氣孔的困擾。
  - 6. 每個冷卻輪均裝有毛刷，隨著冷卻輪的轉動清潔冷卻輪，原料不會受污染。
  - 7. 入料溫度檢測裝置。(可選配)
  - 8. 出料溫度檢測裝置。(可選配)



### FEATURES:

- 1. Special guiding device guides material to cooling drums automatically. The whole process from cooling to slicing is fully automatic. No operator involved to reduce risk of danger greatly.
- 2. The surfaces of cooling drums are made by stainless steel. Two layers cooling drums provide double cooling effect.
- 3. This machine applies cold cutting function:
  - a.No electric heater is used on machine. Solve old cutting problem caused by the insufficient electric heating temperature and poor electricity conduct defect caused by dust on electric heating structure. Solve damage problem on front and rear end of working piece caused by electric heater temperature.
  - b.Solve problem of old electric heating cutter such as waste material, labor and time.Old heating cutter might cause burnt mark on the front and rear portions when cutting. Then operator needs to cut off the burnt mark manually.
- 4. The cutting length setting is done by counter. High precision to reduce cutting length error.
- 5. Not cutting material on conveyor to avoid falling off threads of conveyer stuck on material, then cause bubbled and affect forming quality.
- 6. Every cooling drum is equipped with a cleaning brush. It can provide continuous cleaning during operation to keep material clean.
- 7. Optional input material temperature detector
- 8. Optional output material temperature detector



Final Spec is according to contract

規格: SPECIFICATIONS:

機械型號	MODEL NO	MC-963	MC-965	MC-967	MC-969	MC-9611
水冷輪寬度	Cooling roller width	38"	38"	38"	38"	38"
切刀寬度	Cutter width	850mm	850mm	850mm	850mm	850mm
總馬力	Total Power	6hp	8.5hp	12hp	14.5 hp	17.5hp
每小時產量	Productivity per hour	配合前段軋台機出料速度	Depending on the speed of mixing roller			
出片厚度	Slicing thickness	1-10mm	1-10mm	1-10mm	1-10mm	1-10mm
冷卻輪數	Water cooling roller	3	5	7	9	11
機械尺寸	Machine dimension	L285 x W220 x H220cm	L365 x W200 x H220cm	L400 x W200 x H220cm	L520 x W200 x H220cm	L620 x W200 x H220cm
機械重量	Machine weight	2000kgs	3500kgs	4500kgs	5500kgs	6600kgs



# 熱切式切片機 FT-9926 / FT-9929 / FT-9912

## Cutting machine (heater type)

用途：EVA、PVC橡膠等原料冷卻後切片  
**APPLICATION:** Cutting EVA、PVC、RUBBER, etc..material after cooling process.



- 本機特點：
- (1) 切刀以電熱加溫方式切片，無噪音工作效率高。
  - (2) 切刀及輸送帶可配合前段出料速度改變調整。

### FEATURES:

- (1) Use heater to heat up the blade for cutting, low noise, high productivity.
- (2) Changeable speed to match wade fore production line.



photo for reference only

### 規格：SPECIFICATIONS:

Model	Working width	Power	M/C Dimension	Weight
FT-9926	600mm	1HP	L200 x W130 x H120cm	200KGS
FT-9929	900mm	1HP	L200 x W160 x H120cm	300KGS
FT-9912	1200mm	1HP	L200 x W190 x H120cm	400KGS

Final Spec is according to contract



# RC-9915 / RC-9916 橡塑膠切條機

## Rubber & plastic chopping machine

用途：橡膠切片，EVA小片發泡前切片。  
**APPLICATION:** For cutting rubber, EVA into small pieces.



- 本機特點：
- 4支刀片快速旋轉，切片速度快、產量高。

### FEATURES:

Four high-speed rotating blades make high productivity



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橡塑膠切條機 RUBBER & PLASTIC CHOPPING MACHINE  
 冷凍式橡膠出料機 REFRIGERATING RUBBER COOLING MACHINE (water tank type)



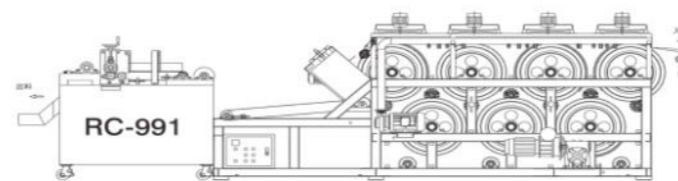
### 規格：SPECIFICATIONS:

機械型號	MODEL NO	RC-9915	RC-9916
工作寬度	Working width	500mm	600mm
總馬力	Power	5 1/2HP	5 1/2HP
切割厚度	Working thickness	0.1-12mm	0.1-12mm
每分鐘產量	Productivity per minute	200-600pcs	200-600pcs
機械尺寸	Machine dimension	L140 X W100 X H120cm	L140 X W110 X H120cm
機械重量	Machine weight(N/W)	1000kgs	1100kgs

Final Spec is according to contract



做小片發泡可在RC-991直接切片



Small piece foam cooling and cutting process.



# 冷凍式橡膠出料機 FT-997

## Refrigerating rubber cooling machine(water tank type)

用途：橡膠原料出片急速冷卻

APPLICATION: Quick refrigerating for rubber material.

本機擁有以下各項專利(仿造必究):  
The machine is with following patent (All rights reserved).



新型：P43847

本機特點：(1) 特殊吸水輪裝置，可將膠料水份完全吸乾。  
(2) 操作容易，穩定性，安全性高。

註：1. 冷凍機有10、15、20噸等，可配合製造。  
2. 工作寬度可配合客戶需求自 500mm~1200mm 範圍內均可製作。  
3. 可按客戶需求，製造兩段式水槽型(即冷凍水槽+離型劑藥水槽)。

### FEATURES:

- (1) Sponge roller device for drying material completely.
- (2) Easy operation, high stability and safety first.

Note:

- (1) 10, 15, 20...etc. tons chiller can be offered according to requirement.
- (2) Working width 500~1200mm can be made according to requirement.
- (3) 2-steps water tank type (freezing water tank + mold releasing agent tank) can be made according to requirement.



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### 規格：SPECIFICATIONS:

機械型號	MODEL NO	FT-9976 I	FT-9979 I	FT-99712 I	FT-9976 II	FT-9979 II	FT-9912 II
工作寬度	Working width	600mm	900mm	1200mm	600mm	900mm	1200mm
總馬力	Power	1HP	1HP	1HP	1.5HP	1.5HP	1.5HP
冷凍水槽長度	Freezing water tank length	2500mm(2.5M)	2500mm(2.5M)	2500mm(2.5M)	2500mm(2.5M)	2500mm(2.5M)	2500mm(2.5M)
藥水槽長度	Mold releasing agent water tank length	無(NO)	無(NO)	無(NO)	1300mm(1.3M)	1300mm(1.3M)	1300mm(1.3M)
機械尺寸	Machine dimension	L260 x W100 x H150cm	L260 x W130 x H150cm	L260 x W160 x H150cm	L400 x W100 x H150cm	L400 x W130 x H150cm	L400 x W160 x H150cm
機械重量	Machine weight	1200kgs	1400kgs	1600kgs	1500kgs	1800kgs	2100kgs

Final Spec is according to contract

# FT-9936 / FT-9939 冷切式切片機

## Cutting machine

用途：EVA、PVC橡膠原料冷卻後切片

APPLICATION: Cutting EVA, PVC, rubber...etc. material after cooling process.



本機特點：

- 1. 切片採用冷切方式，優點如下：
  - a. 不需使用電熱片，不會有因電熱溫度不夠，以致無法切斷原料及灰塵卡在電熱結構上影響過電性及溫度不穩定的問題產生，且原料的頭、尾不會因電熱溫度的影響而變質。
  - b. 淺色的原料經電熱刀切斷後的部位因受熱變質，發泡後會變黑，須再由人工切除；浪費原料、人力及時間。本機為冷切方式，沒有這個問題。
- 2. 切刀及輸送帶可配合前段出料速度調整，工作效率高。

### FEATURES:

- 1. This machine applies cold cutting function:
  - a. No electric heater is used on machine. Solve old cutting problem caused by the insufficient electric heating temperature and poor electricity conduct defect caused by dust on electric heating structure. Solve damage problem on front and rear end of working piece caused by electric heater temperature.
  - b. Solve problem of old electric heating cutter such as waste material, labor and time. Old heating cutter might cause burn mark on the front and rear portions when cutting. Then operator needs to cut off the burn mark manually.
- 2. Changeable speed of conveyor and blade to match fore production line.



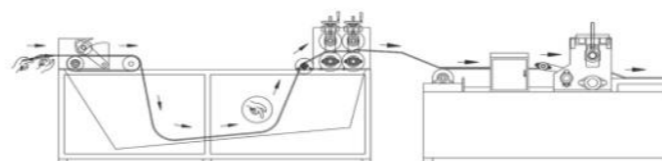
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### 冷凍式橡膠出料機

REFRIGERATING RUBBER COOLING MACHINE

### 冷切式切片機

CUTTING MACHINE



### 規格：SPECIFICATIONS: Final Spec is according to contract

型號	工作寬度	馬力	機械尺寸	重量
Model	Working width	Power	M/C Dimension	Weight
FT-9936	600mm	3HP	L220 x W150 x H120cm	1000kgs
FT-9939	900mm	3HP	L220 x W180 x H120cm	1100kgs



# 平網式冷膠機FT-999

## Mesh type batch-off machine

**用途:** 平網式膠片冷卻機用於開煉機壓出的膠片，使用強力風扇冷卻並疊料或切片教料。具冷卻及儲存橡膠片的功能，以供下個製程使用。

**APPLICATION:** This system is designed to cool and fold the rubber sheet from. It is with cooling and storage of rubber sheet. Rubber sheet after cooling will be delivered to next process.



photo for reference only

### 產品特點:

- a) 輸送網長度可依客戶需求製作。
- b) 使用風扇冷卻方式，風扇數量可根據客戶需求而增減。
- c) 可選配自動抓料手臂輔助送料入後段輸送裝置/ 擺料裝置/ 切刀裝置/ 隔離液浸泡裝置/ 入料溫度檢測裝置/ 出料溫度檢測裝置。

### FEATURES:

- a) Mesh length can be made according to customer's requirement.
- b) Cooling method of batch off machine is by fan, fan quantity can be customized for different requirement.
- c) Optional automatically grabbing device / swing device/ cutting device/ dipping tank/ design/ input material temperature detector/ output material temperature detector

規格: SPECIFICATIONS:

機械型號	Model no.	FT-999-6	FT-999-9	FT-999-12
輸送網寬度	Mesh width	600mm	900mm	1200mm
輸送網層數	Mesh layer	3 or 5 layers		
輸送網長度	Mesh length	依客戶需求Upon Customize Request		
材料厚度	Sheet thickness	5~12mm		
風扇數量	Fan pcs	依客戶需求Upon Customize Request		
擺料裝置	Swing device	選配Option		
切刀裝置	Cutting device	選配Option		
隔離液浸泡裝置	Dipping tank	選配Option		
打印裝置	Printing tank	選配Option		
入料溫度檢測裝置	Input material temperature detector	選配Option		
出料溫度檢測裝置	output material temperature detector	選配Option		

Final Spec is according to contract



# PC-801 / PC-802 / PC-803 表面打粗機

## Surface coarsening machine

用途：橡膠、EVA發泡板美耐板等表面磨粗。

**APPLICATION:** Coarsening the surfaces of rubber sheets, conveyers, EVA foam sheets, etc.

本機特點：

- 1. 可配合客戶需求選擇安裝砂紙輪、砂輪或鋼刷輪使用。
- 2. 更換砂輪不必拆卸機械上座，省時、省力。
- 3. 砂布輪免用膠水黏貼，更換砂布時不需拆砂布鐵軸，簡單輕鬆又省時、省力。

### FEATURES:

- 1.Grinding roller or steel brush roller or abrasive paper roller are available to meet your requirement.
- 2.Special design for changing grinder to avoid taking upper portion of the machine apart. it saves time and trouble.
- 3.New design fixed abrasive paper without glue. (Change new abrasive paper within one hour)



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Final Spec is according to contract

規格: SPECIFICATIONS:

機械型號	MODEL NO	PC-801	PC-802	PC-803
工作寬度	Working width	48"(1200mm)	60"(1500mm)	72"(1800mm)
總馬力	Power	17.5HP	23.5 HP	30.5HP
打粗寬度	Working thickness	3-80mm	3-80mm	3-80mm
每小時產量	Productivity per min	15 M/min	15 M/min	15 M/min
機械尺寸	Machine dimension	L170 x W110 x H150cm	L210 x W110 x H150cm	L240 x W110 x H150cm
機械重量	Machine weight(N/W)	1500kgs	1750kgs	2000kgs





# I Type 膠片冷卻機 FT-998A

## Hanger type (I type) batch-off machine

**用途:**本機台可滿足在橡膠製品廠煉膠生產過程中，對膠片的冷卻，切片和堆疊的要求。  
**Application:** This system is designed to cool and fold the rubber sheet from open mill or roller head extruder after internal mixer.

### 設備簡介——本機由以下部分組成:

1. 隔離液浸泡區域
  - a. 由隔離液浸泡槽與送料滾輪組成，主要功能為膠片冷卻前，先經過隔離液浸泡，其速度可與前段設備(開煉機)相匹配。
  - b. 隔離液浸泡槽搭配外部冷卻水循環系統管路，可避免隔離液浸泡槽內隔離液溫度過高。
  - c. 於此區域可以搭配列印或壓字裝置
  - d. 於此區域可以選擇搭配不銹鋼傳動鍊將膠片全自動提升進入膠片提升裝置面，不需人力將料拉入輸送帶。
2. 膠片提升裝置
  - a. 提升裝置由導向運輸帶組成。其作用是將膠片提升至輸送鏈掛杆上方，並使膠片正確掛片。
3. 膠片冷卻輸送裝置
  - a. 其間裝有膠片掛杆，掛杆為不銹鋼材料焊接而成，掛杆傳送鏈條由電機(或氣壓缸)驅動，掛杆間距可根據客戶需求設計。
4. 膠片冷卻裝置
  - a. 側面裝有冷卻膠片用之大流量風機。
5. 膠片冷卻後輸送裝置
  - a. 將膠片由冷卻裝置輸送至操作人員易收料之部位。
  - b. 客戶可根據自身需要選擇切片或是堆疊。
  - c. 可選配自動抓料裝置，無需操作人員將料由吊杆提緊置於後。
6. 入料溫度檢測裝置。
7. 出料溫度檢測裝置。

2. Rubber sheet lifting conveyer
  - a. Lifting conveyer consists of heatproof belt and rollers. The main function is to clamp rubber sheet and transfer into the cooling device.
3. Rubber sheet cooling device
  - a. The rubber sheet cooling device consists of stainless hanging bars, driving motors (or air cylinders), and guiding rails. The main function for this device is to transfer the rubber sheet circling to be cooled well. The pitch between hanging bars could be designed according to requirement.
4. Cooling fans
  - a. It consists of 6 heavy duty electric fans to generate cooling wind into the cooling device.  
※Customized electric fan capacity is possible.
5. Take away conveyer
  - a. Take away conveyer consists of transferring belt and rollers. The main function is to grab the cooled rubber sheet from cooling device and transfer it to collecting device.
  - b. Optional swing set or cutting set design.
  - c. Optional automatically grabbing device design to achieve saving human power target.
6. Optional input material temperature detector.
7. Optional output material temperature detector.



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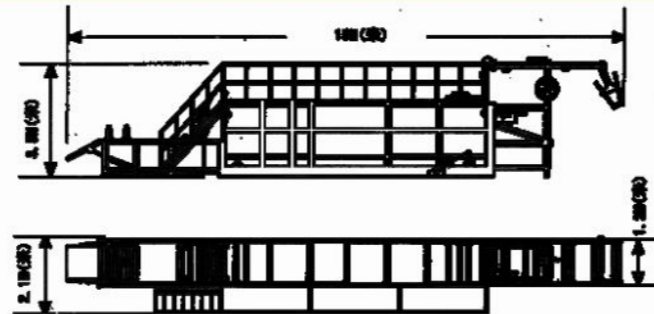
### Structure Features:

1. Dipping tank
  - a. Dipping tank is designed to dip rubber sheet cooling device.
  - b. With surrounding cooling water pipes design to keep stable working temperature of dipping tank.
  - c. Optional Print or Emboss code unit can be installed.
  - d. Optional stainless mesh belt design in the dipping tank to transfer rubber sheet from upper stream equipment to lifting conveyer automatically.

### 產品主要規格 Specification

型號 Model	最大 吊下長度 Length of Max Hanging mm	最大 吊掛膠片寬 Max Sheet Width mm	吊杆 Hanging Bar		可吊掛 總長度 Capacity Length M	機臺尺寸 Dimension			膠片 冷卻速度 Max Speed
			間距 Pitch mm	吊杆 數目 Bar PCS		長 Length M	寬 Width M	高 Height M	
FT-998A	1500	600	200	26	80	15	2.1	3.5	30m/min

Final Spec is according to contract



以上尺寸僅供參考，詳細尺寸以合約為準

# U Type 膠片冷卻機 FT-998B

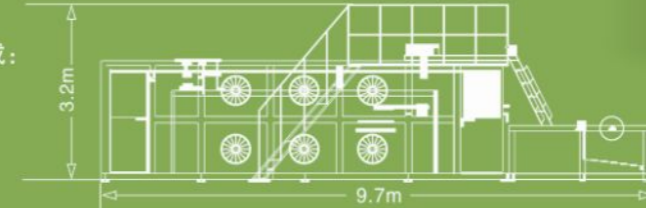
## Hanger type (U type) batch-off machine

**用途:**膠片冷卻機用於將開煉機壓出的膠片使用強力風扇冷卻並疊料或切片收料。  
**Application:** This system is designed to cool and fold the rubber sheet discharged from open mill or roller head extruder after internal mixer.



1. Remarkable Features:
  - a. Saving system installed space: With same system designed length, the U Type cooling system can provide double cooling effect.
  - b. Saving human power: A single working team can collect the rubber sheets after cooling and monitor the pre-cooling rubber feeding into the cooling system at the same time and the same position.
  - c. Optional automatically grabbing device design.
  - d. Optional swing set or cutting set design.
  - e. Optional input material temperature detector
  - f. Optional output material temperature detector
2. Structure Feature:
  - a. Dipping tank
  - b. Rubber sheet lifting conveyer
  - c. Rubber sheet cooling device
  - d. Cooling fans
  - e. Take away conveyer

1. 產品特點: FT-998B U Type膠片冷卻機相對於直線式膠片冷卻機優點如下
  - a. 可節省車間空間使用，同樣的機械長度可以利用來使膠片經過兩次流動冷空氣冷卻。
  - b. 收料與入料在機臺同一側，同樣一組操作人員可同時負責監看前段設備將未冷卻之膠片送入冷卻機之入料狀況並同時進行冷卻後膠片收料工作。
  - c. 可選配自動抓料手臂輔助送料入後段輸送帶裝置。
  - d. 可選配擺膠裝置或者切片裝置。
  - e. 可選配入料溫度檢測裝置。
  - f. 可選配出料溫度檢測裝置。
2. 設備簡介: 本機由以下部分組成:
  - a. 隔離液浸泡區域。
  - b. 膠片提升裝置。
  - c. 膠片冷卻輸送裝置。
  - d. 膠片冷卻裝置。
  - e. 膠片冷卻後輸送裝置。



以上尺寸僅供參考，詳細尺寸以合約為準

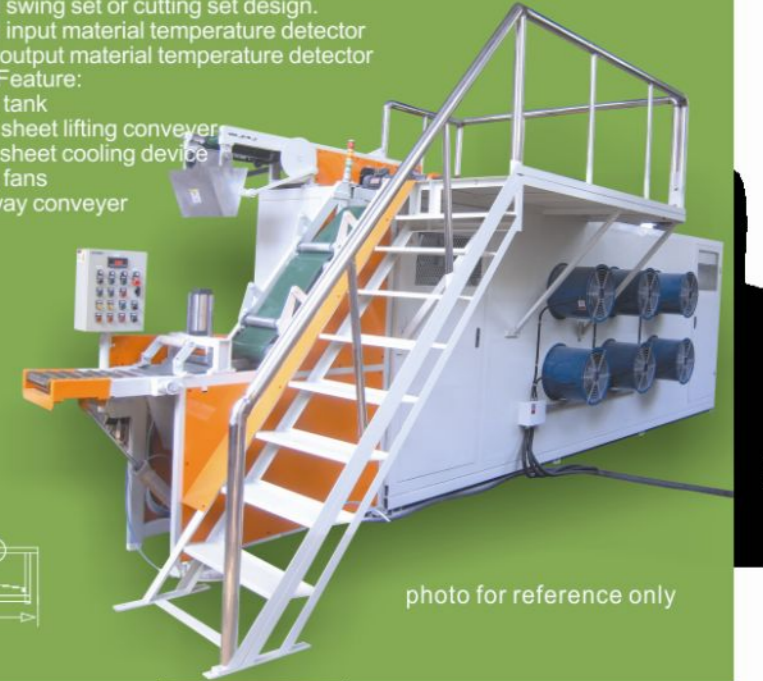
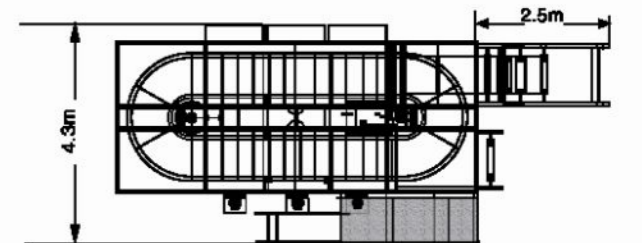


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以上尺寸僅供參考，詳細尺寸以合約為準

型號 Model	最大吊下長度 Length of max hanging (mm)	最大吊掛膠片寬 Sheet width (mm)	吊杆 Hanging bar		可吊掛總長度 Capacity length(m)	機臺尺寸 Dimension(m)		
			間距 Pitch (mm)	吊杆數目 Bar pcs		長 Length	寬 Width	高 Height
FT-998B-SN	1500	300	300	33	100	9.7	3.5	2.5
FT-998B-SW	1500	600	300	33	100	9.7	4.3	2.5
FT-998B-LN	1500	300	150	63	200	9.7	3.5	2.5
FT-998B-LW	1500	600	150	63	200	9.7	4.3	2.5

以上尺寸為參考尺寸，機臺尺寸以最後出廠為準

Final Spec is according to contract



# 切邊切條機 CT-501200 / CT-501250 / CT-501300 CT-502200 / CT-502250 / CT-502300

## Strip cutting machine

用途：EVA、PVC、橡膠等發泡板切邊或切條。  
APPLICATION: For EVA foam, PVC and rubber, strip cutting or side cutting.



本機特點：永久免換刀砧

### FEATURES:

No need to replace knives bolster permanently.  
(NEW TYPE PATENT NO.92089 ALL rights reserved)

本機擁有以下各項專利(仿造必究):  
The machine is with following patent  
(All rights reserved).



專利NO:92089



(Thickness auto adjust model photo)  
(圖為厚度自動調整機型)

photo for reference only

### 規格：SPECIFICATIONS:

機械型號	MODEL NO	CT-501200	CT-501250	CT-501300	CT-502200	CT-502250	CT-502300
工作寬度	Working width	2M	2M	2M	2.6M	2.6M	2.6M
總馬力	Power	3HP	3HP	3HP	5HP	5HP	5HP
可切割厚度	Working thickness	10-50mm	10-70mm	10-90mm	10-50mm	10-70mm	10-90mm
每小時產量	Productivity per hour	1000M	1000M	1000M	1000M	1000M	1000M
機械尺寸	Machine dimension	L240 x W80 x H140cm	L240 x W90 x H140cm	L240 x W80 x H140cm	L300 x W80 x H140cm	L300 x W90 x H140cm	L300 x W90 x H140cm
機械重量	Machine weight(N/W)	960kgs	1060kgs	1060kgs	1060kgs	1160kgs	1160kgs
刀片數量	Cutter quantity	8	8	8	10	10	10
刀片直徑	Cutter diameter	200m/m	250m/m	300m/m	200m/m	250m/m	300m/m

Final Spec is according to contract

※Optional thickness auto adjust device  
(可選配厚度自動調整)



# 電熱式EVA&PE疊色貼合機 HC-363/HC-366

## Thermoelectric Eva & Pe building-up laminating machine

用途：EVA片貼合，海灘鞋、涼鞋、拖鞋等EVA鞋底疊高疊色貼合。

APPLICATION: EVA laminating specially used in building-up the EVA sole of beach shoes, EVA high-heels, sandals and slippers, ect...

本機擁有以下各項專利(仿造必究):  
The machine is with following patents (All rights reserved).



專利NO:  
35U.S.C.120,121,121



證書NO:  
ZR.29816964.5



證書NO:ZL 9818598.7

photo for reference only

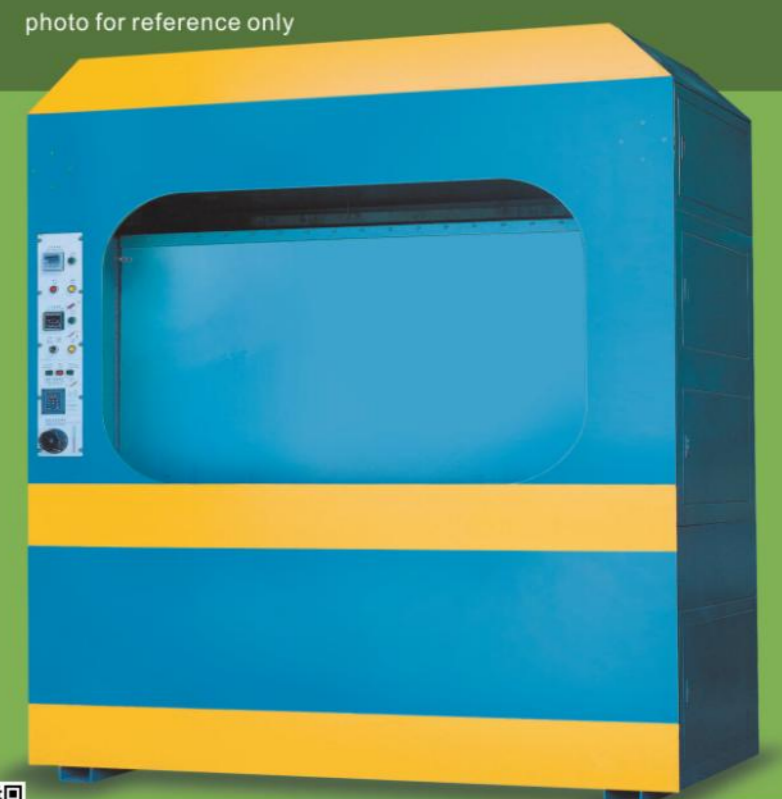
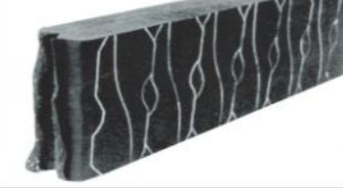
本機特點：

1. 採用電熱熔貼，無須使用膠水或任何接著劑，成品符合環保要求。
2. 每片原料只需2分鐘以內就可貼合完成，產能高。
3. 可同時貼合三條100cm寬的EVA板，貼合高度可達100cm(1M)。
4. 可於機台上加裝鞋底形體刀模，貼合、打印形體一次完成，節省以人工劃形體的時間及避免原料浪費(請見圖B)。

FIG.A



FIG.B



規格：SPECIFICATIONS:

機械型號	MODEL NO	HC-363	HC-366
可貼合長度	Working length	1500mm	1700mm
可貼合寬度	Working width	300mm	600mm
可貼合高度	Working height	700mm	1000mm
總馬力	Power	2HP	3HP
電力	Thermoelectric power	6.55kw	12.25kw
每小時產量	Productivity per hour	240pcs	240pcs
機械尺寸	Machine dimension	L220 x W130 x H200cm	L230 x W150 x H260cm
機械重量	Machine weight	2000kgs	3000kgs

Final Spec is according to contract

### FEATURES:

1. Thermoelectric welding and bonding two material no need to use glue or any kind of adhesives. (environment safe)
2. Whole process within 2 minutes, high productivity.
3. Welding three pieces 100cm width EVA strip at once, the maximize height is 100cm (1M).
4. Guideline mould is available to be installed on this machine. Save time(faster than man-made) and money (avoid human error).(refer to FIG. B)



# 四方板切邊機 CT-532 Square board cutting machine

用途：橡膠發泡四方板、EVA發泡四方板等原板修邊及切料頭、料尾。

## APPLICATION:

Digital control and set of cutting length and width of rubber, EVA, etc... sponge foam. (also suitable for automatic cutting edge, front and rear portion of material)

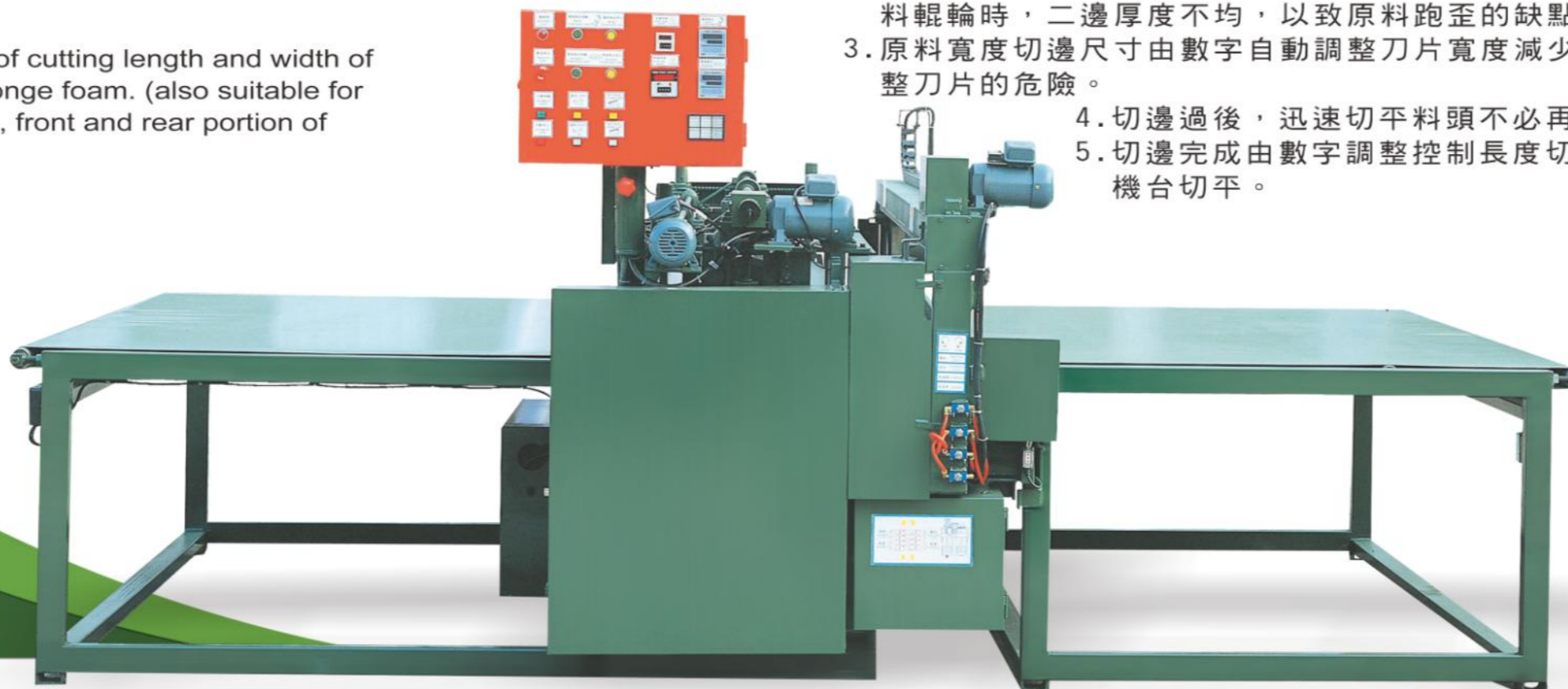


photo for reference only



本機擁有以下各項專利(仿造必究):  
The machine is with following patents (All rights reserved).



NO: 92089



NO: 121960

## 本機特點：

1. 原料進入切邊前用紅外線對正二邊，可減少原料損失。
2. 原料厚度由數字設定同步自動調整，不會有手工調整送料輥輪時，二邊厚度不均，以致原料跑歪的缺點。
3. 原料寬度切邊尺寸由數字自動調整刀片寬度減少工人上機台調整刀片的危險。
4. 切邊過後，迅速切平料頭不必再用另外機台切平。
5. 切邊完成由數字調整控制長度切平尾料，不必再用另外機台切平。

## FEATURES:

1. Block two sides are aligned by infrared ray laser before getting into edge cutting machine, reducing the waste of block.
2. The thickness of block is set up with numeric for synchronous automatic adjustment. To avoid sliding running problem caused by manual adjustment of uneven thickness at two sides.
3. Edge cutting size on the edge of block is automatically adjusted by numeric set-up for width of blades. Reducing danger risk of manual adjustment.
4. After edge cutting, block front edge will be cut evenly no need of additional machine.
5. After cutting edge block rear edge will be cut evenly by numeric length control, no need of additional machine.

## 規格：SPECIFICATIONS:

機械型號	MODEL NO	CT-532
工作寬度	Working width	2.2M
總馬力	Power	4HP
可切割厚度	Working thickness	10-90mm
機械尺寸	Machine dimension	L440 X W210 X H200cm
重量	Machine weight(N/W)	2000kgs

Final Spec is according to contract



# 半自動循環式橡膠, PE, EVA整捲自動剖片設備 TA-7/TA-8/TA-6/TA-5A Rubber, PE, EVA, sponge rolled material splitting (skiving) equipment

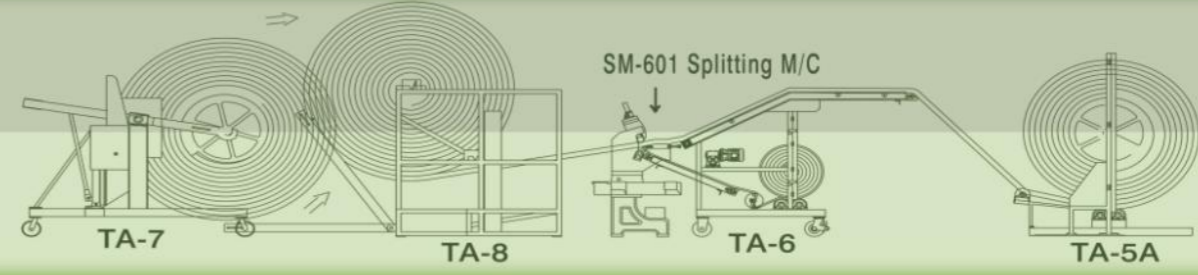
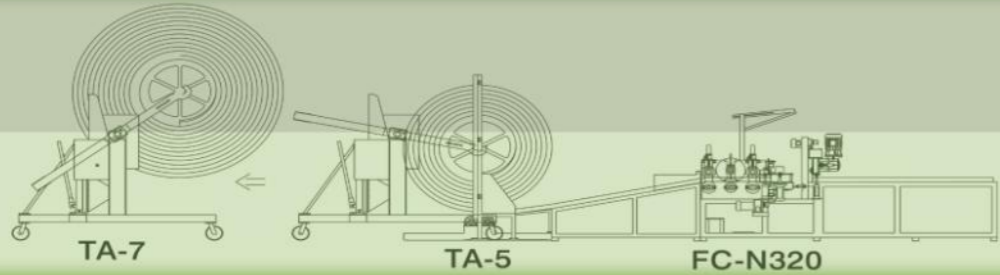
用途：PE、EVA橡膠等發泡板熔接成捲後，配合開片機做整捲材料的剖片及收捲。

**APPLICATION:** Splitting (skiving) jointed roll rubber, PE or EVA sponge material into layer roll after sponge sheet have jointed into roll.

本機擁有以下各項專利  
 (仿造必究):  
 The machine is with following  
 patent (All rights reserved).



證書NO: 81610



運料機  
 (CARRY FEEDING MACHINE) TA-7

入料架  
 (FEEDING MACHINE) TA-8

輸送帶捲料機  
 (CONVEYER COIL MACHINE) TA-6

捲料機  
 (COIL FEEDING MACHINE) TA-5A



photo for reference only

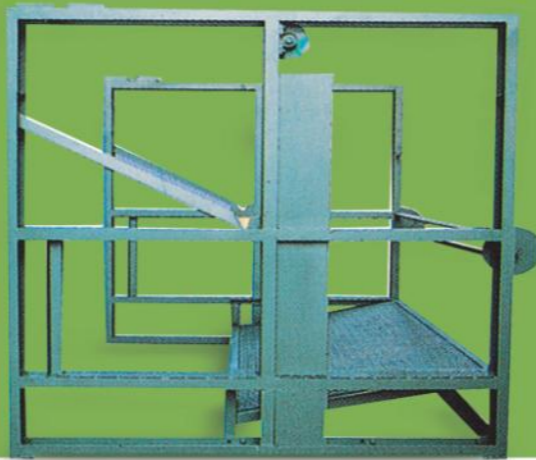


photo for reference only



特點：半自動生產流程。

**FEATURES:**

- The production is motorized.

規格：SPECIFICATIONS:

機械型號	MODEL NO	TA-5A	TA-6	TA-7	TA-8
工作寬度	Working width	1550 & 1700mm	1550 & 1700mm	1550 & 1700mm	1550 & 1700mm
總馬力	Power	1HP	1HP	no	no
捲料直徑	Coil feeding diameter	3800mm	1000mm	3800mm	no
機械尺寸	Machine dimension	L155 x W220 x H230cm	L310 x W200 x H200cm	L230 x W230 x H225cm	L253 x W220 x H225cm
機械重量	Machine weight	1150kgs	1200kgs	1200kgs	500kgs

Final Spec is according to contract