

## 力根開幅預縮定型機

力根開幅預縮定型機是針對全棉、CVC及一些加LYCRA之布種施以濕潤、收縮及整燙的流程，以達到織物特有的豐厚、柔軟的手感，更重要的是確實做到尺寸及縮率的穩定性。

LK Open width compactor is focus on 100% cotton or CVC, or some Lycra blended fabrics for moisturizing, Shrinking and ironing process, it will make the treated knitting fabrics in fullness and smooth handling, most important is that it can be sured to reach the precise sizes and shrinkage rate as expected.



Type:LK-CPA-V 1



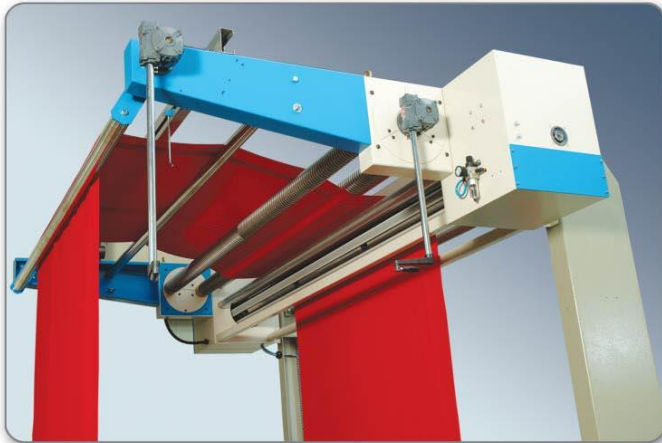
Type:LK-CPA-V09

## 滑條式中心導布系統

- 入布採滑條輾輪及旋轉展布牙輪，中心導布裝置由光電感應器來導布。

## Segment roller Centering infeed device

- Feeding with slat rollers and rotated scroll roller of fabric spreading unit, photocells sensors for centering device.



## 氣壓式超喂系統

- 左、右縮碼採伺服馬達獨立控制，便於操作、調整；LK專用型連動比例設定及迴授控制表，以閉迴路方式確保縮碼品質穩定性。縮碼壓布毛刷採皮帶式，增加布邊下壓時間，避免布邊脫針。

## Pneumatic Overfeeding device

- It is adopted by servo-motor control easy to operate and adjust ; LK type auto modulation setting and feed-back controller by closed circle system , to ensure the quality stability. Overfeeding press roller brush by belt type, to increases fabric edge pressing time and avoid the fabric edge pinning off.

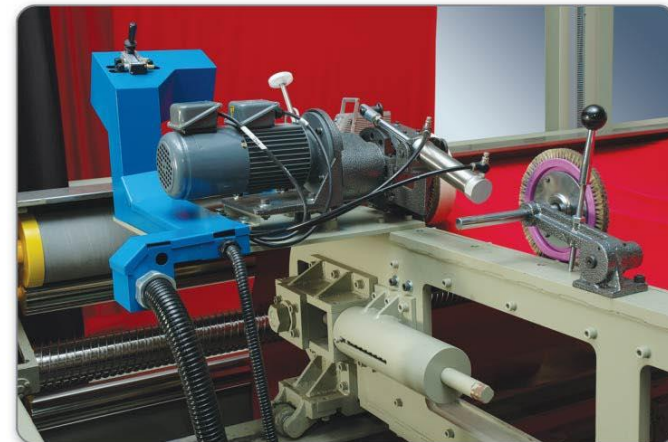


## 垂直式鏈條入口箱及電腦人機介面控制

- 入口箱為垂直鏈條式設計，包括橡膠喂布輪及導布殆輪來修正緯斜；人機介面電腦控制系統PLC數位程式，可控制及觸控式螢幕（10"）容易操作。

## Entry box for Vertical chains system and Computerized PLC control

- Entry box is designed for Vertical Chains system, which including the feeding rollers and idle roller to correct the weft before coming to entrance of chains. The Computerized PLC control of various functions with digital instrumentation, complete with touch screen monitor (10") for easy operation.

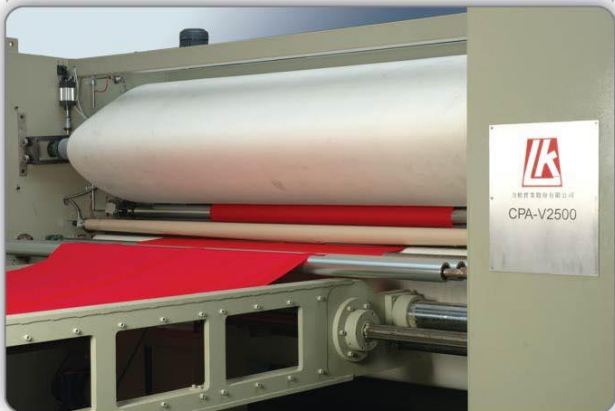


蒸氣給濕裝置 Steam box



- 在收縮前用一大的給濕裝置，邊寬大的（1米以上）給濕裝置會給予待處理的針織布最佳的濕潤效果，它可以適用於全棉針織布如：單面針織、皮克、互鎖針織、長毛絨、螺紋、其他染色或印花布...等等。戶鎖針織、長毛絨、螺紋、其他染色或印花布...等等。
- By a wide vaporization before the shrinkage, the wide (1M or more) steam boxes will give the best steam moisturizing results for treated knitting fabrics. It can be applied for 100% cotton knitted fabrics, such as: jersey, piquet, interlock, plush, rib ,other dyed or printed fabric, ect.,

預縮機主體 Compactor main body



- CPA預縮裝置都配有特厚（21mm or 22 mm）針刺呢毯，在高溫條件下，該呢毯可確保織物的最佳收縮效果，特殊材質加熱輥筒，直徑350毫米，呢毯驅動輥塗佈防滑橡膠，並由變頻傳動控制。
- The CPA Compacting unit comprising of a very thick (21mm or 22mm) needle felt ,with special materials made for high temperature resistance, a steam heated central roller dia. 350mm and a felt driven roller, coated with the non-slip rubber and driven by inverter.

出口擺布裝置 Exit plaiting down device



- 出口區裝設擺布裝置，能讓布匹整齊擺放於布車中，可方便運送至下一個加工製程
- Equip with plaiting down device at the exit areas, To make the fabric stream in lines and put inside of the fabric carriage, it is convenient to transport to the next commissioning process.

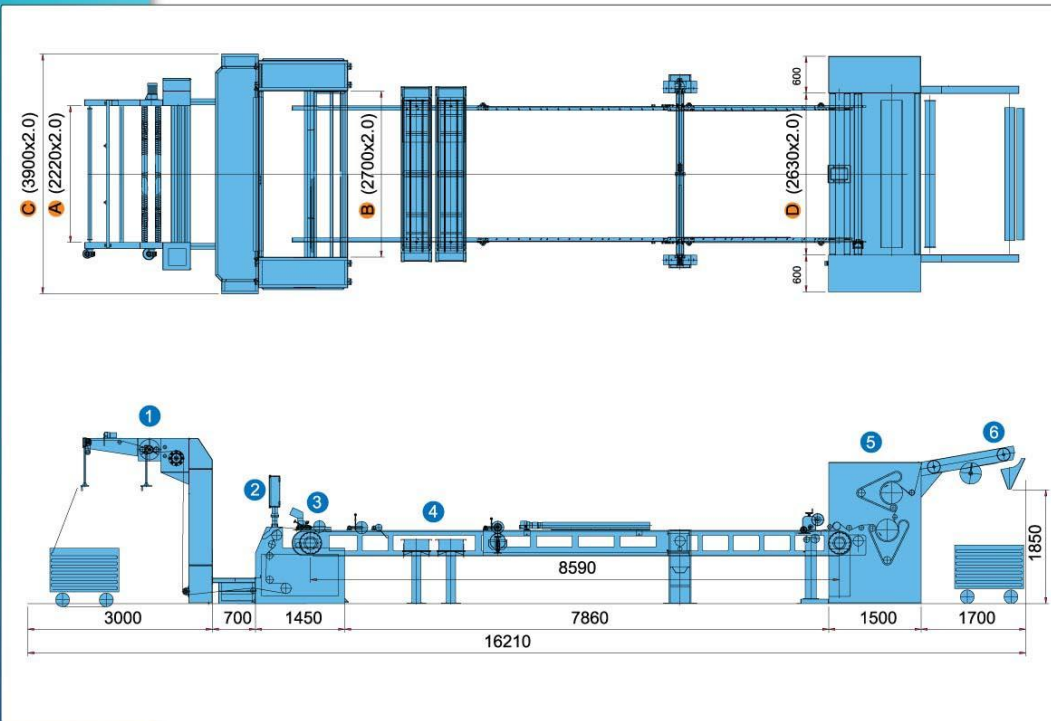
(選用配備/Optional)

出布不停車捲取裝置 Exit no-stop winding unit



- 在出口區預縮後裝有不停車捲取裝置，儲存槽也配有張力控制及自動布邊中心控制。
- In exit after compacting output it equipped with Non-stop winding device. Also storage tank equipped with dandy control and selfedge-tracked winding.

## 尺寸規格圖 Machine Dimension



● 特殊尺寸也可依客戶需求設計 Can be changed according to customer requests.

## 系統裝置說明 System and Devices

- |                      |   |
|----------------------|---|
| 1 滑條式中心導布系統。         | 1 Segment roller centering infeed device                            |
| 2 垂直式鏈條入口箱及電腦人機介面控制。 | 2 Entry box for vertical chains system and Computerized PLC control |
| 3 氣壓式超喂系統。           | 3 Pneumatic Overfeeding device                                      |
| 4 蒸氣給濕裝置。            | 4 Steam box   |
| 5 預縮機主體。             | 5 Compactor main body   |
| 6 出口擺布裝置。            | 6 Exit plaiting down device   |

# LK-CPA Series

## 選配設備 Options

CPA預縮機可以配有下列選配設備：

- 布邊切刀及吸邊裝置、紅外線布邊預乾裝置。方便又簡單。
- 自動整緯機。
- 人機介面電子操控介面與中央電腦連線控制。
- 高溫加熱預縮輥輪（最大：180℃）。

The CPA-V series can be fitted with optional equipments such as:

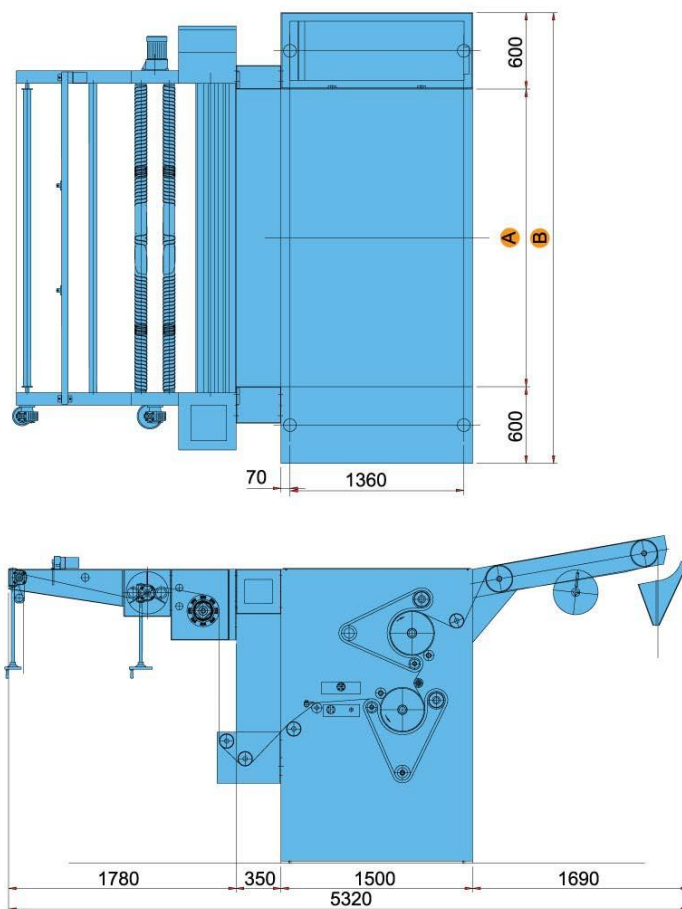
- Sedge trimming and suction units. Infra-red sedge pre-dryer.
- Automatic weft straightener
- Electronic control device interfacing with central computer
- High temperature heated shrinking cylinders (max.to 180℃)

## 機械尺寸與電力需求 Machine Dimension and Power Requirement

機械寬度 Machine Width	A	B	C	D	毛毯寬度 Blanket Width	錫林寬度 Cylinders Width	電力需求 Power Requirement
2000mm	2220	2700	3900	2630	2200mm	2400mm	50 KW
2300mm	2520	3000	4200	2930	2500mm	2700mm	
2500mm	2720	3200	4400	3130	2700mm	2900mm	
2800mm	3020	3500	4700	3430	3000mm	3200mm	

※本公司擁有設計變更之權力，尺寸如有變更時不另行通知!  
Our Company has the right to change the designs,  
If the sizes need to be changed, will not inform again.

## 機械尺寸與電力需求 Machine Dimension and Power Requirement



機械寬度 Machine Width	A	B	毛毯寬度 Blanket Width	錫林寬度 Cylinders Width	電力需求 Power Requirement
2000mm	2630	3830	2200mm	2400mm	13 KW
2300mm	2930	4130	2500mm	2700mm	
2500mm	3130	4330	2700mm	2900mm	
2800mm	3430	4630	3000mm	3200mm	

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