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 sure to reach the precise sizes and shrinkage rate as expected.
OPEN WIDTH COMPACTOR

Segment roller Centering infeed device

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

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.

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 waf 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.
**Open Width Compactor**

- **Steam Box**
  - In the steam box, the high pressure steam is supplied to the cloth and it helps to control and regulate the wetting effect. It can be applied to various kinds of knit fabric, such as: jersey, pique, interlock, plush, rib, other dyed or printed fabric, etc.

- **Exit Plaiting Down Device**
  - At the exit areas, the plaiting down device is used to make the fabric stream in lines and put inside of the fabric carriage, it is convenient to transport to the next commissioning process.

- **Compactor Main Body**
  - In 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.

- **Exit No-stop Winding Unit**
  - In exit after compacting output it equipped with Non-stop winding device. Also storage tank equipped with dandy control and selfedge-tracked winding.

- **Option Unit**
  - 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.
LK-CPA Series

**Machine Dimensions**

- **Machine Width**: Various specifications are provided for different models.
- **Weight**: Also varies by model.
- **Power Requirement**: Ranges from 2200 to 3200 mm, and power requirement from 50 kW.

**Options**

- CPA-V series can be fitted with optional equipments such as:
  - Selvedge trimming and suction units. Infra-red selvedge pre-dryer.
  - Automatic welt straightener.
  - Electronic control device interfacing with central computer.
  - High temperature heated shrinking cylinders (max. to 180°C).

**System and Devices**

1. Segment roller centering infeed device
2. Entry box for vertical chains system and Computerized PLC control
3. Pneumatic Overfeeding device
4. Steam box
5. Compactor main body
6. Exit plating down device

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**Notes**

- The drawings and specifications are subject to changes and modifications without prior notice.
- The company reserves the right to alter designs and features as needed without prior notice.

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**Chinese Notes**

- 尺寸規格圖 Machine Dimensions
- 選配設備 Optionals
- 機械尺寸與電力需求 Machine Dimension and Power Requirement
- 系統裝置說明 System and Devices
### Machine Dimension and Power Requirement

<table>
<thead>
<tr>
<th>Machine Width</th>
<th>A</th>
<th>B</th>
<th>Blanket Width</th>
<th>Cylinders Width</th>
<th>Power Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000mm</td>
<td>2630</td>
<td>3630</td>
<td>2200mm</td>
<td>2400mm</td>
<td>13 KW</td>
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<td>4630</td>
<td>3000mm</td>
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</tbody>
</table>

*Our Company has the right to change the designs. If the sizes need to be changed, we will not inform again.*