The Company was founded in 1960, the pioneer of promoting the principals of textile finishing machinery made in Taiwan, carry out his duty and obligation to fully concentrate in developing the Stenter, Dryer and Thermo-boiler, to fit for the wide variety requirement of our customers, enhance the competitive ability of Taiwan textile finishing machinery in worldwide marketing. They working hard to promote LK machines up to worldwide market, now LK machines have sold more than 40 countries, LK brand are notable of Stenter and Dryer specialized manufacturer up to international level.

To incorporate humanized operation and scientific technology, LK is always persists on innovative and creative spirits, to fit for multiple choices of fabric finishing demands, and easy operation as operator requests, also emphasizing the mutual communications between the customers and maker, to make the best interests for the various requirements of fabric demands. In technology fields, production efficiency or afterward services net, LK always offers the best performance in competing with other makers. On 21 century nowadays, LK will maintain the Stenter specialized manufacturer leading roles in this fields, to create the high techs, energy saving productions for the various innovation, LK will be proud for his products.
Principals of management:
To keep INTEGRITY, STEADY, QUALITY, INNOVATION, COMMUNICATION principals to serve our customers.
To satisfy the demands of our customer first, to keep innovative and create the new products, offer the best efficiency of the machine equipments.

經營理念：
本着「誠信、稳健、品質、創新、溝通」之經營理念服
務客戶，以客戶需求為依歸，創新求變致力於產品開發
，提供客戶穩定與最具效益之設備。

修建布局及服務網
Marketing distribution and serviced nets

Taiwan: The head office, production management head quarter

Thailand: The Bangkok office in charge of the selling and services in South East Asia market

India: New Delhi

Brunei: Bandar Seri Begawan

Vietnam: Hau-Chi-Ming city

Singapore: Singapore

Indonesia: Jakarta

Philippines: Manila

Turkey: Istanbul

Monaco

Pakistan

Bangladesh: Dhaka

Egypt

South Africa

South America

Mexico

China: Kuen-Shan office; Kuang-tung, Fu-chien, Zhejiang, Jiang-su, San-Tong provinces have its Service stations.
1. Fabric entrance scaffold with web width limiting device
2. Centering device (cloth guider)
3. Paddle mangle
4. Speed compensator
5. Manual skew wet straightener
6. Entrance control bridge
7. Entrance box and overfeeding pinning on device
8. Selvage uncurler and position drive device
9. Pin, clip chain rails, rails rack
10. Web width adjusting device
11. Heating chamber
12. Exhaust ducts
13. Air cooling zone and water cooling cylinders
14. Selvedge cutting device and centering cutter
15. Fabric delivery arrangement, plaitor and batching device
Various paddle mangle

- Skew roller type
- 3-Rollers type (Optional)
- Coating Device (Scraper Type)
- Rotary Screen Type

- Humanized designed operation panel.
- Small dimension and save the spaces.
- Low level and dumping type trough,
  easy to maintenance, clean.
- High efficiency and uniformly pick up.
- Knitting fabric—Scrub roller
- Woven fabric—Expand bow roller

- Trough arrangement
  - Single roll trough (Standard type)
  - 2-dipping trough—designed for minimum resin volume
  - Double roll trough

- Single or inclined side (Standard type)
  - Low volume design

Specifications:
- 品牌: 上漿機
- 型式: 漿槽
- 功能:
  - 人性化操作面板
  - 尺寸小, 省空間
  - 低液量及傾斜式液槽, 方便清潔、清洗
  - 高效率且均勻之輸送速率
  - 設有前、後布輪
  - 材質: 碳鋼
  - 用途: 印染、紡織、紡織品、紡織品加工、紡織品處理、紡織品製造
入布装置

Infeed devices

中心器

Centering combination device:
Full width, out-open width and calibration device. Suitable for knitted and woven fabrics.

S型氣動式補償裝置

“S” Type pneumatic:
Speed compensator - Tension can be adjusted.

S型氣動式補償裝置

Slat type centering device (Optional)

電動斜紋調整器

Push button skew weft straightener

組合使用斜紋捲筒

Combinations of skew roller and bow straightener (Optional)
**Entrance box and central control panel**

Central control bridge:
Digital indicators for showing various speed ratio of feeding roller.

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**Overfeed pinning on system**

**Overfeeding Pinning on device:**
- Single roller type (Standard accessories)
- Suitable for both woven and knitted fabrics
- Belt driven type press roll, to combine with belt driven, easy for fabric pinning on.
- Left, right overfeeding device by servo motor controls individually, for easy to operate, adjust, make sure overfeeding quality is stable.
- Adopted LK specialized model for auto modulating setting, re-set controller, closed cycle to accurately control the overfeeding system.
- By virtue of humanized pneumatic control, easy to operate and smooth looking.

---

**Synchronizing transmission type (Standard)**

**Optional**
- Tandematic decurler (Optional)
- Pneumatic opener (Optional)
- Rollers type uncurler (Optional)

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rail width adjustment device

- Each rail width of setting chamber to be adjusted by a driving motor at the same time.
- Each rail width of setting chamber, optionally arranged for adjusting it independently.
- The infeed to delivery zone can be extended by variable fabrics treatment required.
- All the rail width adjustments are quickly and easily accessible across the entire width of the machine.
- The spindles are driven as standard by a longitudinal shaft located outside of the heating chamber.
- Optionally, we also make separate width adjustable unit and with gauge of each chamber.

Flexible steam moisture welding device

- Pin plate type (standard)
- Pin lock type (Optional)
- Clip plate type (Optional)
- Pin & Clip combination type (Optional)

- Durable carbonized fiber plate.
- Carbonized stainless steel screw shaft.
- Pin plate (German made pin).
- Aluminum alloy pin plate base.
- Resistant oil carbonite plate.
- SCM chrome plated steel (interlining).
- Die casting chain rack.

Chain and Pin plate holder

- Pin carrier type
- Block distance: 101.6mm Specification: 20X34Pins Optional: 21.6X42Pins, 17X18Pins, etc.
High efficiency air circulation system

ST 型烘箱/ST type heating chamber

- Exhaust outlet (with air flap).
- Pin plate & chain rails.
- Air damper nozzle.
- Aluminium alloy ventilator.
- Fresh air inlet with air damper.
- Heat exchanger.
- Hot air volume control system.

Hot air circulation system:
- By virtue of strong air pressured circulation system, to assure the air volume and temperature uniformly.
- The upper and bottom jet-nozzle can be lift up, is easy for operators to enter inside of the maintenance servings.
- Fan motor by inverter controls can fit for various kind of fabric air volume requirements.

AC 型烘箱/AC type heating chamber

- The jet nozzle rear side door can be opened for easy cleaning and maintenance of inside heating chamber.

Air cushion type nozzle:
- Air cushion nozzle: Energy control effectively.
- Specialized air ducting structure: ensure the air volume, in perfect straight blowing, easy to clean.
- Incorporating the sophisticated integral design principal, to promote the quality of fabric and handling.
- This heating chamber construction (with air-cushion nozzles) system are patent protected by LK.
熱媒油加熱控制系統 / Thermo oil circulation heating system

- 熱媒油加油控制系統，以PID數位溫控器PT1000與溫度控制電機三向閥之設閉。
- 熱交換器為類管式，散熱面積大，蓄熱量低，加熱散熱快。
- 最高使用溫度220°C。

Thermo oil circulation heating system, by means of PID digital temperature controller with PT100 Ohm temperature sensor, to control 3-way motorized valves in open or close.

- Heat exchanger is Fin type, heating transmission in large dimension.
- Lower heat reserved values, but fast reheating and heat dispersing.
- The maximum working temperature is 220°C.

瓦斯直接加熱系統 / Gas direct heating system

- 瓦斯直接加熱系統。
- 設有多重安全設施。
- 最高使用溫度220°C。

Gas direct heating system, by means of PID digital temperature controller with Pt100 Ohm temperature sensor, to control temperature in heating chamber.

The maximum working temperature is 220°C.
出口装置
Exit devices

Cutting device (Optional):
- During the machine running period, Non-stop real-time adjusting designs, can be adjusted anytime to assure the fabric selvedge waste to minimum.
- Selvedge trimming device, can clearly cut off the stripes, to prevent these stripes stuck in the rails.

冷氣装置:
- 機箱套環組，可清潔過濾機箱，並防止灰塵污染布匹。
- 電腦設計之冷卻風管，可加速布匹的冷卻時間，避免布匹高溫損壞。

Air cooling zone:
- Screen filter can clean the fluffs and prevent the dusts to pollute the fabrics.
- Computer designed cooling air jet-nozzle, can accelerate the cooling time of treated fabric, to avoid the folding mark of the fabric due to high temperature setting.

出布區組合 Exit section combinations

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>軟管冷風</td>
<td>One air cooling zone.</td>
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<tr>
<td>中線芯(最大直徑1.8m)表面捲取(附設移軸)</td>
<td>Middle batching (dia less than 1.8m) for surface winding (removable roller)</td>
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<tr>
<td>後接捲布槽直接包裝</td>
<td>Air cooling zone combinations.</td>
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<tr>
<td>移動式捲布架</td>
<td>Movable type plotting frame.</td>
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<tr>
<td>冷卻輪從網(選用配備)</td>
<td>Cooling cylinder (Optional)</td>
</tr>
<tr>
<td>噴霧式噴水(選用配備)</td>
<td>Mists spraying device (Optional)</td>
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</table>
### Machine Dimension and Power Requirement

<table>
<thead>
<tr>
<th>Chamber (m²)</th>
<th>Main Motor (Kw)</th>
<th>Main Motor (Hp)</th>
<th>Heater Electric Oil Gas</th>
<th>Circulating Fan Motor</th>
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<tbody>
<tr>
<td>2</td>
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<td>24010</td>
<td>7.5</td>
<td>2 SETS</td>
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<tr>
<td>3</td>
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<tr>
<td>6</td>
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<table>
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<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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<td>8460</td>
<td>3850</td>
<td>5800</td>
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</tbody>
</table>
熱回收系統：
- 提升烘箱溫度穩定性，尤其是第一和最後一室的設定溫度及實際溫度的溫差縮小。
- 達成烘箱可定型段，提升布速及產能。
- 防治烘箱凝結結露現象，降低後端空污設備負荷，整體提升空污的處理效率。
- 降低烘箱設備容量及成本。
- 减少出烘溫度可調節，延長烘網使用壽命。
- 節能減排，減少二氧化硫排放量，響應國際環保節能趨勢。

Heat Recovery System:
- Raise up the temperature stability of drying oven, especially for the first and last chamber temperature setting, to minimize the difference (delta T) from the actual running temperature.
- Extend the stenter setting zone of drying oven to increase the fabric speed and production.
- Decrease the air pollution equipment load at the late stage and promote the air pollution treatment efficiency by the waste oil mists reducing the temperature to cause condensational pre-treatment,
- Reduce the heat supply equipment capacity and cost.
- Reduce the oil outlet temperature of boiler, extend the life time of thermo oil boiler.
- Save energy and reduce the exhausting air to minimize the carbon-dioxide emission, and respond to the international trend of energy saving.

<table>
<thead>
<tr>
<th>選用配備</th>
<th>Optionals</th>
</tr>
</thead>
<tbody>
<tr>
<td>自動纖維調整器</td>
<td>Automatic weft straightener</td>
</tr>
<tr>
<td>水洗槽</td>
<td>Wash trough</td>
</tr>
<tr>
<td>儲布架</td>
<td>Accumulator</td>
</tr>
<tr>
<td>弧形校正裝置</td>
<td>Bow weft straightener</td>
</tr>
<tr>
<td>大型斜弧形複合式裝置</td>
<td>Skrow/ Bow weft straightener</td>
</tr>
<tr>
<td>蒸氣給溼裝置</td>
<td>Steam moisture wedding device</td>
</tr>
<tr>
<td>熱熔環風急停裝置</td>
<td>Emergency stop device for motor of fan</td>
</tr>
<tr>
<td>水冷卻輪輥</td>
<td>Water cooling cylinder</td>
</tr>
<tr>
<td>機邊及切邊裝置</td>
<td>Gumming device and Selvedge trimming device</td>
</tr>
<tr>
<td>中心捲取裝置</td>
<td>Centeral batching device</td>
</tr>
<tr>
<td>雙輪式捲取裝置</td>
<td>Twin roller surface batching device</td>
</tr>
<tr>
<td>纖維計數器</td>
<td>Pick counter</td>
</tr>
<tr>
<td>織物重量控制器</td>
<td>Fabrics weight controller</td>
</tr>
<tr>
<td>布面溫度控制器</td>
<td>Fabrics temperature controller</td>
</tr>
<tr>
<td>出布殘留溼度控制器</td>
<td>Residual moisture controller</td>
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<tr>
<td>排氣溼度控制器</td>
<td>Exhaust air humidity controller</td>
</tr>
<tr>
<td>節能廈熱回收系統</td>
<td>Heat recovery system</td>
</tr>
</tbody>
</table>