CHULIING
Thermoforming and Cutting machine

高性能的成型設備
High Performance Thermoforming System

實現自動化加工的可能
Realize Automation Processing Potential

CHULIING
Thermoforming and Cutting machine

開創裁斷、成型、貼合加工技術再進化
Pushing the Limits of Cutting Forming and Lamination Technology

我們致力於研究與時俱進的裁斷、貼合、切片加工技術，在此領域整合了自動化的應用，目的在於達成省人化、高效能、減少資源浪費，創造最大生產效益之設備，如有相關需求請託付給有經驗及實績的矗霖機械，我們將為您提供完整的系統解決方案。

With over 35 years of experience, we deliver complete system solutions for you. Chu Liing Machinery stays on the cutting edge of forming, laminating, slicing and cutting technologies. By automating our products, we deliver high performing, environmental friendly equipments that save labor and resources for our customers, and have the experience and excellent quality you need to succeed in this market.

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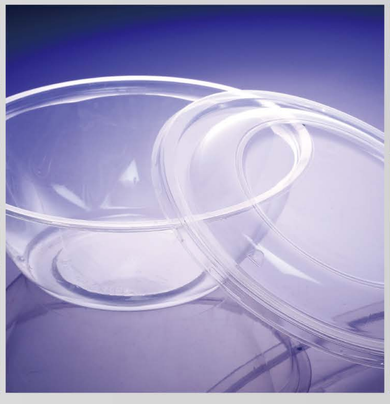
專注於高品質與性能
Focus on High Quality and Performance

品質與效能是我們的唯一堅持，透過ISO-9001的規範來嚴密控管每個細節，從業務的接單、研發的設計、加工的精度、組裝的品質，電控的裝配到出貨前的測試，每一道程序都有嚴謹的規範及文件的控管，並且徹底的執行，達成全面品管(TQM)的目標。

Chu Liing Machinery is ISO 9001 Certified, and we implement the strictest quality controls for every step of production process, from the initial order, research & cutting precision, assembly quality, electrical layout and right through to shipping.
Our Total Quality Management System, with through planning and documentation procedures, ensure to deliver only the highest quality products to customers.

Designed by Polaris 2016-07 +886-4-24517070



專業製造成型設備 / 系統 Expert Thermoforming Machines / Systems

www.chuliing.com

SL-1220A 連續式壓空成型機
Continuous Thermoforming Machine

SL-1220A 連續式壓空成型機
Continuous Thermoforming Machine (Servo-crank)

SL-1220A 特點介紹

- **高剛性機身設計：**一體成型的設計，並採用高張力鋼板製作而成，運行穩定，低噪音。
- **四柱高剛性導柱機構：**導柱採用頂級鋼材製作而成，並搭配模座四柱結構，成型穩定，合模定位重現性高。
- **伺服鍊條送料系統：**採用日製鍊條，搭配伺服控制，在高速送料的狀態下仍保有穩定精度。
- **高精度溫控系統：**各區塊溫度分割獨立控制及設定，以SSR搭配PID演算來控制溫度，並且搭配高速傳輸控制，溫度補償精準，提高了生產良率。
- **上下加熱爐系統：**電熱爐均採用德製陶瓷加熱器，溫度精度高。
- **自動潤滑系統：**設備自動對滑動部進行給油作業，減少了因為潤滑不良造成機件損壞。

Features

- **High-rigidity Design of Machine Bed:** Integral casting design combined with high-tension steel plate structure offers steady and low noise operation.
- **4-column High-rigidity Guide-rod Mechanism:** Guide-rods are made of top grade steel, offering high repetitivity of mold clamping in combination with the 4-column mold structure for steady forming.
- **Servo Chain Feeding System:** Japanese chain operated by servo-controller ensures exact precision of high-speed feeding.
- **Precision Temperature Control System:** Independent temperature control with respective setting for each temperature zone, uses SSR with PID calculus for controlling the temperature, combined with high-speed transmission and control, offers precision adjustment and is convenience for elevated yield.
- **Upper and Lower Heating Oven:** Heating oven all use German made ceramic heater, temperature accuracy can be controlled very well.
- **Automatic Lubrication System:** Automatic oil feed for slide parts, eliminating any failure resulting from insufficient lubrication.

為了整合自動化生產及因應不同的產品，有以下生產方案可供選擇：
For integrating the automated production to correspond with different products, the following production solutions can be optioned：

1. **全自動系統：**壓空成型 SL-1220A → 中央打孔 SL-520 → 外型裁斷 SL-520 → 自動堆疊
2. **全自動系統：**壓空成型 SL-1220A → 外型裁斷 SL-520 → 自動堆疊
3. **半自動系統：**壓空成型 SL-1220A → 自動切割堆疊機構 (SHEET) → 油壓裁斷機 CSS-806 → 人工收料

1. **Fully Automated System:** Pressure and Vacuum Forming SL-1220A → Center perforation SL-520 → Dimension Cutting SL-520 → Automatic Stacking
2. **Fully Automated System:** Pressure and Vacuum Forming SL-1220A → Dimension Cutting SL-520 → Automatic Stacking
3. **Semi-automated System:** Pressure and Vacuum Forming SL-1220A → Automatic Cutting and Stacking Mechanism (SHEET) → Hydraulic Cutting Machine CSS-806 → Manual Collection

適用材料 Applicable Material

- Polystyrene (PS)
- Polypropylene (PP)
- Polyethylene (PE)
- APET
- EPS
- PLA
- HIPS
- OPS

SL-520 垂直式裁斷機 Vertical Trimming Press +
SL-1220A 連續式壓空成型機 Continuous Thermoforming Machine (Servo-crank)

Model	1220A
最大成型面積 Max Forming Area	1000 mm x 1200 mm
最大成型高度 Max Forming Height	150 mm
合模力量 Clamping Force	84 tons
最大原料寬 Max. Width of Material	1080 mm