

全自動卡紙裱紙機

PCL-1200 Auto Cardboard Laminator

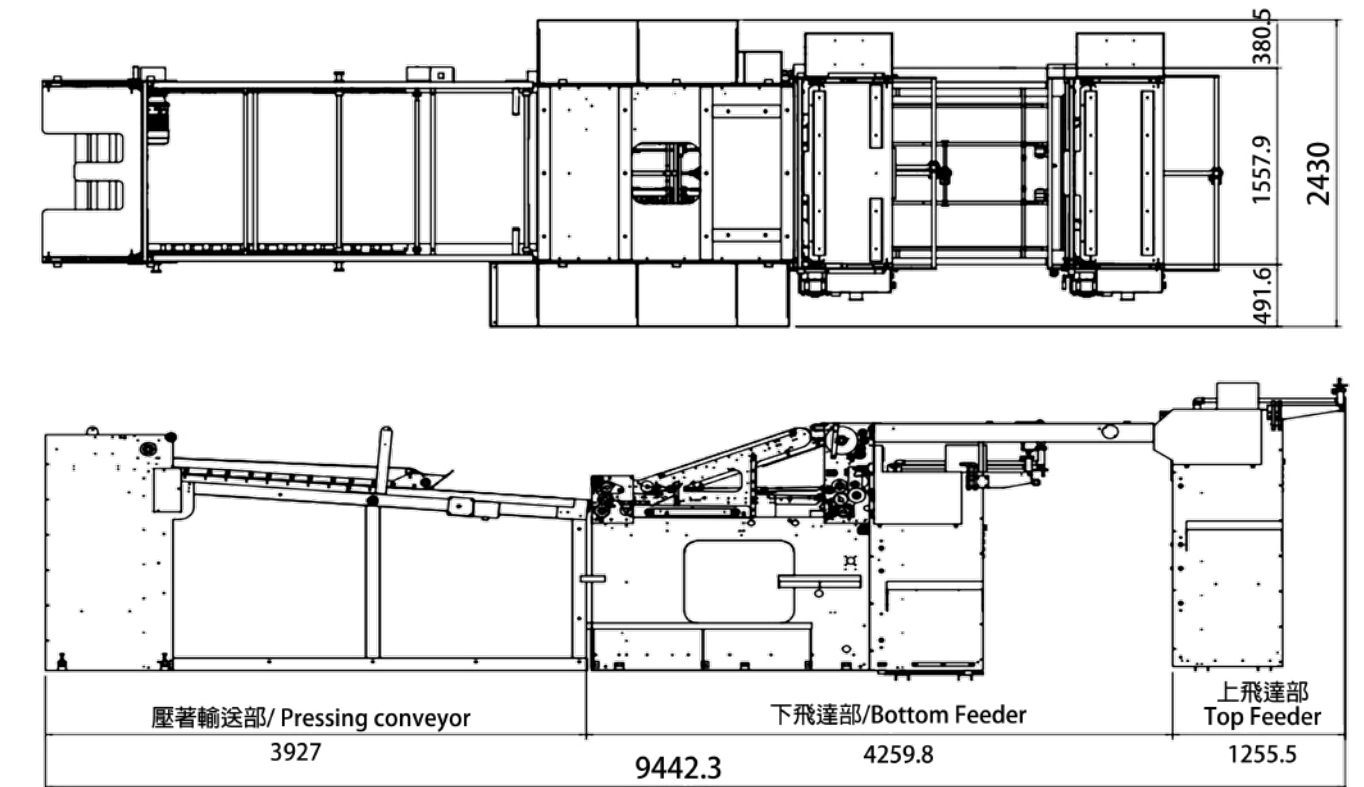
主要特點 Main Features

- 1.後吸式送紙，送紙能力強，大小紙張轉換無須再做調整，操作方便簡單。
- 2.高精度塗佈機構，可依紙張需求均勻上膠且不溢膠，上膠輪易拆易洗。
- 3.上下紙張可在行進中動態規位，同規貼合，準確快速，成品完美精良。
- 4.全機採用齒型皮帶傳動，無需保養、低噪音、效率高。
- 5.加壓輸送機可依照紙張尺寸調整速度與壓紙長度，成品可重疊或分開壓著。
- 6.新增加壓輪組可二次重壓，使成品更加平整精美。
- 7.轉動式收紙機構，可將成品轉動落下後再推齊，收紙順暢效力高。

- 1.Top substrate feeder with strong feeding ability, no need to make adjustment for different paper size. It's convenient and simple to operate.
- 2.Adopt High-accurate glue coating device, gluing evenly without excess glue, it is easy to dismount, clean and adjust the sheet blade.
- 3.Dynamic Registration during processing, laminating with Regulation, quickness and accuracy, finished perfectly.
- 4.Adopt USA GATES timing belts with low noise and high efficiency.
- 5.Speed and sheet-pressing length can be adjusted depending on sheet length; it is easy to change the sheet size. By speed adjustment, the finished product can be overlapping or separate pressing.
- 6.The pressing wheel can press the thin sheets second time separately to make the laminated sheet smoother and finer.
- 7.Adopt Rotary sheet-sweep device, to rotate the pressed sheets after they dropped and square neatly to ensure sheet collecting smoothly.



外型基礎圖 Floor Plan



機械規格 Specification

型號	Model	PCL-1200
最大用紙	Max. Paper Size	W1,200 × L800 mm
最小用紙	Min. Paper Size	W500 × L450 mm
面紙厚度	Thickness of Top Sheet	100~800g/m ²
底紙厚度	Thickness of Bottom Sheet	180~800 g/m ²
最高速度	Max. Machine Speed	120m/min
貼合精度	Tolerance	±0.5mm
機械總重	Total Weight of The Machine	7,000kg
機械總長	Length of The Machine	9,442 x 2,430mm
所需電力	Total Power Required	12KW

◎機器最高速度和貼合精度依紙張材質而定。
 ◎The Max. Machine Speed and Tolerance depend on the quality of the sheets.

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機器功能 Machine Functions

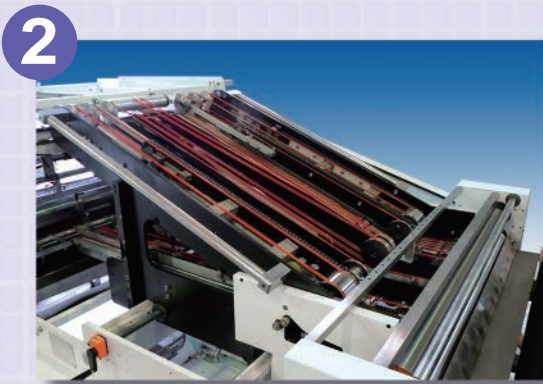
全自動卡紙裱紙機適用於紙板與紙板的貼合，能精確將薄紙、美術紙、卡紙、灰紙板、厚紙板等搭配貼合，使其增加材料強度與厚度，或貼合成特殊效果，經裁切或模切後製成吊牌、展售吊卡、包裝盒、資料夾、精裝書本、相本、汽車遮陽板或布匹等內襯，也可製作產品展示冊、拼圖、玩具、手提袋、裝潢材料等用途，機器可精準裱貼且操作簡單。

Auto. Cardboard Laminator is ideal for the lamination of cardboard and cardboard. It is capable to laminate mutually with thin paper, art paper, cardboard, Chip board and millboard to enhance the strength and thickness of the materials. Or it can be laminated into special effects. After die cutting, the papers can be made into the lined of tags, exhibition sale tags, packing boxes, folders, hardcover books, photo album, sun visor for car and the lined of cloth. There are other products like product books, puzzles, toys, handbags and decoration materials. The Laminated work is accurately achieved and less skill is required for the machine operation.



給紙機
Top/Bottom Paper Feeder

採用前緣式飛達送紙，搭配紙張雙張檢測系統，監控產品生產，操作方便簡單。
By Leading-Edge Feeder with Double-Sheet Detector to monitor the production.



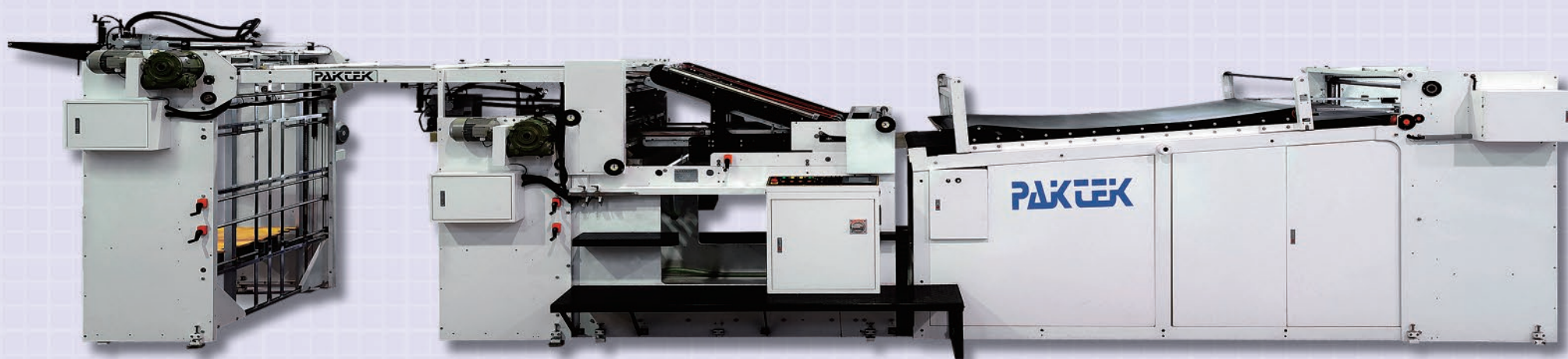
規位機構
Registration

利用輸送快於前擋的速度差，將行進中的上、下紙張抵至底紙前擋規，側方與前擋規同步，將行進中紙張歸位於交接點處後再貼合，成品精準平整，精度可在±0.5mm內。
By using the feature of delivery speed faster than front-lay to deliver the top and bottom board to the front-lay, meanwhile, the side-lay synchronizes with front-lay. Top and bottom board register at junction point and then laminate. The finished sheet is accurate and smooth. The accuracy is within ±0.5mm.



膠水塗佈裝置
Laminating Device

高精度塗佈機構，可依紙張需求精確調節上膠塗佈量，確保紙張均勻上膠。並配有剝紙固定座，能將紙張確實剝離上膠輪，亦便於拆解、清洗與調校。輪邊擋膠片，能將輪組邊的膠水刮回輪內，使高速運轉的輪邊不會溢膠，並能調節膠水是否回流，確保塗佈裝置之功能。
High-accurate glue coating device can adjust the glue volume precisely depending on sheets to ensure glue coating evenly. It equips with sheet blade to separate the sheet from the gluing roller. It is easy to dismount, clean and adjust the sheet blade. Side blade of glue roller can scrape the glue back to roller so the glue will not overflow under high speed, and also can adjust whether to recycle the glue to ensure the glue coating completely.



電控系統
Electrical Control

使用人機介面、燈號顯示以及PLC程式控制，可自動偵測作業狀況、保養狀況及工作紀錄，使全機的操作性與安全性更完美確實，搭配位置顯示器可操作紀錄先前尺寸。
By HMI, light display and PLC program control. It can detect the machine operation automatically, record job information and remind maintenance to implement machine operability and security perfectly. With the position display, it can show the adjusted position.



傳動系統
Transmission

全機採用齒型皮帶傳動，無需保養、低噪音、效率高。
Adopt USA GATES timing belts with low noise and high efficiency.



加壓輸送機
Pressurized Delivery

速度與壓紙長度可依紙張尺寸調校，尺寸轉換方便，可將貼合完成的紙張，重疊壓著，亦可加快轉速，將紙張分別壓著；新增加壓輪組，能將分別壓著過的薄紙貼合成品二次重壓，使成品更加平整精美。
Speed and sheet-pressing length can be adjusted depending on sheet length; it is easy to change the sheet size. By speed adjustment, the sheet pressing can be overlapped or separate. Pressing wheel can press the thin sheets second time separately to make the laminated sheet smoother and finer.



收紙機
Collecting Stacker

轉動式收紙機構，將重疊壓著後的紙張，先予轉動落下後再推齊，確保收紙整齊順暢，T型托紙板與高速升降裝置，能快速方便的將成品拉出，增加工作效率。
Rotary sheet-sweep device can rotate the pressed sheets and square neatly to ensure sheet collecting smoothly. T-type platform and high-speed lifting device can pull out the finished pile of sheet quickly and then increase the working efficiency.