

PS SERIES

Direct drive Programmable Electronic Pattern Sewing Machine 直驅可程式電子花樣機



新一代伺服步進驅動技術

馬達運行更精準，長時間工作狀態下，馬達溫升低，回應速度更快

New Generation Servo-stepping driving technology

The motor runs more accurately, and the response speed is faster. The temperature rises lower under long working conditions.

採用高階直驅馬達

最高速度達到2800 S.P.M.，生產效率進一步提高，起動與停車反應迅速，與傳統型相比縮短19%，提高生產效率，耗電低，經濟實用，與傳統型相比減少50%

High quality direct drive servo motor

As the maximum speed reaches 2800 S.P.M. so the production efficiency is more improved. The start / stop response is rapid, which is 19% shorter than the conventional type. Low power consumption makes it economy and practical, which is 50% lower than the conventional type.

以0.05mm的最小解析度實現美觀的縫紉線跡

每脈衝0.05的高解析度，PS系列可縫製出滑順的曲線，並且可做簡單的繡花圖案，就連一般刺繡機很難勝任的厚面料刺繡也可完成

The min. resolution 0.05mm realizes perfect sewing quality.

With a high resolution of 0.05 per pulse, PS series can make a smooth curve, and a simple embroidery pattern. Even a thick fabric embroidery is available, which is difficult for a typical embroidery machine.

標配斷線感測器

發生斷線時，可偵測並立即停機，報警提示

Thread breaking sensor is standard equipped

When it happened thread breaking, the machine senses the problem and then stop with alarm.

可選配數位線張力控制器

傳統方式以手感調整面線張力，配備數碼夾線器可以數位化設定，實現穩定的縫製品質

**Digital tension controller is optional**

Adjusting the upper thread tension with human feeling is the old way. With the digital tension controller can be set easily to realize the stable sewing quality.

裁片定位簡單準確

馬達驅動式抬壓腳 (S type)的行程，可選擇設定為1步或2步下降

Sewing material setting is easy and accurate

Motor-drive type presser foot (S type) can be set the stroke as 1-step or 2-step.

均勻穩定的收線

在低張力下，可以穩定收線，由於中壓腳的高度可以改變，即使面料厚度有段差的變化，也可保持適當壓力，確保均勻穩定的收線效果

Stable and uniform seam tightness

Under low tension condition, the seam tightness can be stabilized. Because the height of the intermediate presser can be changed, even if the thickness of the fabric changes as a step, the proper pressure can be maintained to ensure a uniform and stable seam tightness.



搭載WIFI功能，與生產管理系統快速對接，即時傳輸設備的縫紉資料

支持多種媒體，搭載1個SD卡插槽、2個USB埠

Built-in WIFI function for easy connection to production management system and sewing data real-time transmission.

Multi-data input with 1 SD card slot and 2 USB ports.

使用“NS600”程式設計軟體

可快速簡便的編輯花樣，更可相容“VDT、SEW”等格式花樣，修改花樣更簡便，可根據圖示和命令，輕鬆創建縫紉資料

NS600 pattern editing software

Easy pattern editing by computer. VDT, SEW, and the other format compatible.



- 程式編程畫面，使用說明圖示，可輕鬆創建縫紉程式

Pattern editing panel with instruction for easy creating your sewing patterns.

- 簡潔的縫紉資料修改區，可快速修改花樣圖形準確實現需要的縫紉資料

Compact sewing data tuning area for quick modification.

- 功能區選擇介面，圖形化顯示，便於使用者選擇

Function selection area with graphical display for user friendly.



- 直觀顯示縫紉資料，無需調取其他介面查看
- Intuitive display of sewing data without changing the page.

- 資料讀入讀出簡單快捷，一鍵完成
- Input and output easily.

配件

DEVICE



MY 帽沿
Cap brim



SS 側移壓腳
Side shift clamp



HM 快速換模
Template fast changing



FZ 反轉壓腳
Inverted Clamp



規格

SPECIFICATION

- PS-1010A-01S
- PS-1010A-01A
- PS-1010A-01A/SS
(100 X 100 mm)
- PS-1310A-01S
- PS-1310A-01A
(130 X 100 mm)
- PS-1510A-01S
- PS-1510A-01A
(150 X 100mm)



- PS-2210A-01A
(220 X 100mm)
- PS-2516A-01A
(250 X 160mm)



- PS-3020A-01A
- PS-3020A-01A/HM
- PS-3020A-01A/MY
(300 X 200 mm)
- PS-3525A-01A
(350 X 250 mm)
- PS-4030A-01A*
(400 X 300 mm)



*壓具為 □型
*presser foot is □ type



- PS-2210AL-01A
(220 X 100 mm)



- PS-6040A-01A
(600 X 400 mm)



規格 Specification	1010A-01S	1310A-01S	1510A-01S	2210A-01A	2516A-01A	3020A-01A	3525A-01A	4030A-01A	6040A-01A
	1010A-01A	1310A-01A	1510A-01A	2210AL-01A		3020A-01A/HM			
	1010A-01A/SS					3020A-01A/MY			
線跡 Stitch Type	單針鎖縫 Single Needle Lockstitch								
最高縫製速度 Max. Sewing Speed	2800 S.P.M.								
縫製區(X x Y) Sewing area (X x Y)	100 X 100	130 X 100	150 X 100	220 X 100	250 X 160	300 X 200	350 X 250	400 X 300	600 X 400
送布方式 Feeding	間歇性送布 (步進馬達驅動) Intermittent Feeding (Stepping motor drive mode)								
針距 Stitch length	0.05~12.7 mm								
最大針數 Max. stitch	20,000 針 / 圖形 20,000 stitch / pattern								
壓腳驅動方式 Work Clamp Drive	S: 步進馬達驅動 A: 氣動式 S: Stepping motor drives A: Pneumatic drive			氣動式 Pneumatic drive					
壓腳上升量 Work Clamp Lift Amount	S: Max. 25 mm A: Max. 30 mm			Max. 30 mm					
兩步壓腳 2-step work clamp	S: 左右一體式 A: 左右分離式 S: Integrated-type A: Separate-type			左右分離式 Separate-type					左右一體式 Integrated-type
間歇壓腳上升量 Stepping Presser foot Height	22 mm								
間歇壓腳行程 Stepping Presser foot Stroke	0 或 2~10mm (出廠預設3mm) 0 or 2~10mm (Default setting 3mm)								
旋梭 Hook	半回轉2倍梭 Double Capacity Shuttle Hook								
掃線 Thread Wiper	標配 Standard								
切線 Thread Trimmer	標配 Standard								
數位線張力控制器 Digital Tension Controller	選配 Optional								
斷線感測器 Thread Breakage Detector	標配 Standard								
外部資料儲存 External Data storage	經由 USB 埠 Inputted by USB Port								
馬達 Motor	直驅式 AC伺服馬達 750W Direct drive AC Servo Motor 750W								
電源 Power	單相 220V, 三相 380V Single Phase 220V, 3-Phase 380V								
重量 Weight	機頭: 88 kg, 電控箱: 14~16kg Machine Head: 88 kg, Control Box: 14~16kg			機頭: 166 kg, 電控箱: 14~16kg Machine Head: 166 kg, Control Box: 14~16kg	機頭: 174 kg, 電控箱: 14~16kg Machine Head: 174 kg, Control Box: 14~16kg		機頭: 184 kg, 電控箱: 14~16kg Machine Head: 184 kg, Control Box: 14~16kg	機頭: 224 kg, 電控箱: 14~16kg Machine Head: 224 kg, Control Box: 14~16kg	
氣壓/用風量 Air Pressure/ Consumption	0.5MPa 1.7L /min								