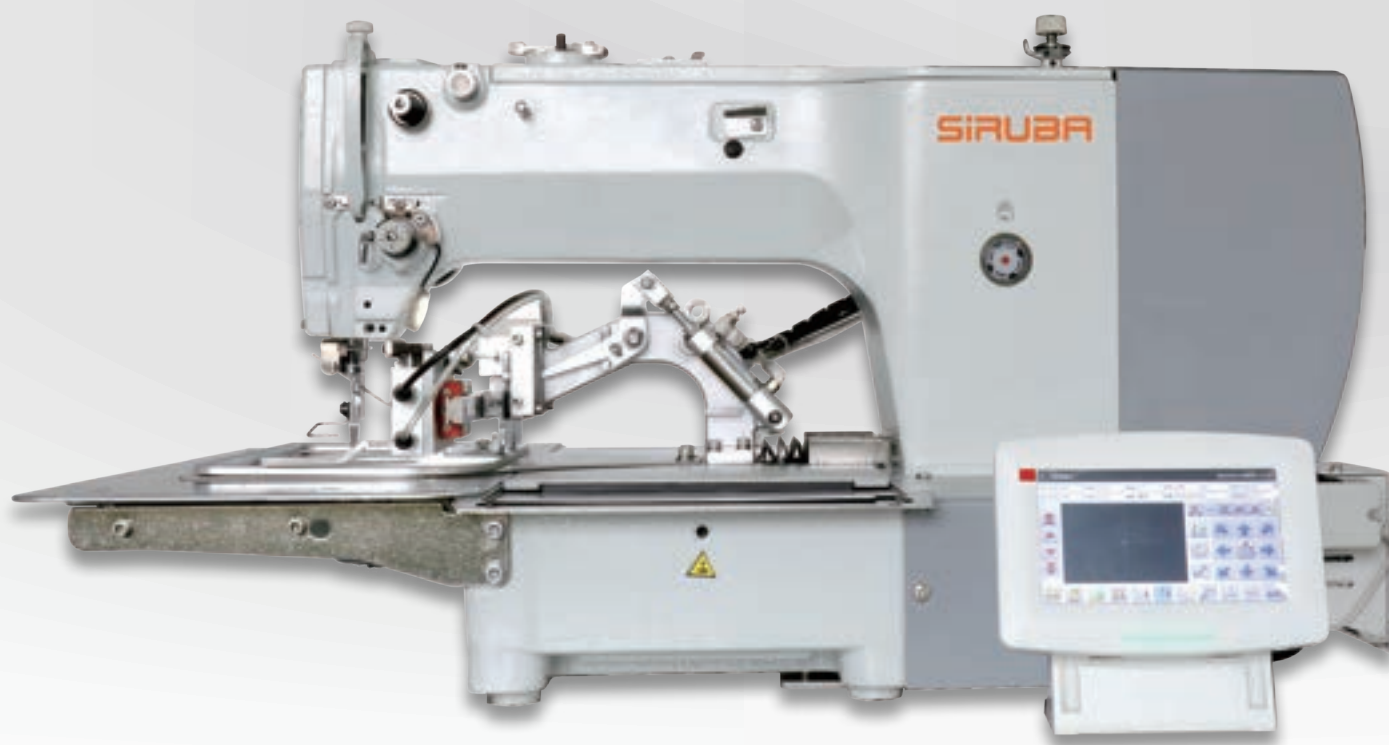


PS SERIES FEATURES

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

馬達運行更準確，長時間工作狀態下，馬達溫升低，回應速度更快

採用高階直驅馬達

最高速度達到 2700 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%

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

標配斷線感測器

發生斷線時，可偵測並立即停機，報警提示

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

**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

均勻穩定的收線

在低張力下，可以穩定收線，由于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.

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.

High quality direct drive servo motor

As the maximum speed reaches 2700 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.

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.

Thread breaking sensor is standard equipped

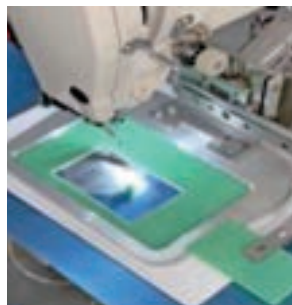
When it happened thread breaking, the machine senses the problem and then stop with alarm.

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.

Sewing material setting is easy and accurate

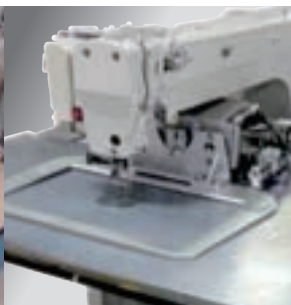
Motor-drive type presser foot (S type) can be set the stroke as 1-step or 2-step.



SS 側移壓腳裝置 (選配)
Side shift presser foot device (Optional)



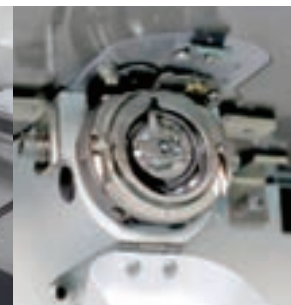
FZ 反轉壓腳裝置 (選配)
Reverse presser foot device (Optional)



HM 快速換模裝置
Quick-change mold device



MY 帽沿裝置
搭配機型 3020
Cap brim device
Matching model: 3020



擺梭梭殼 (日本) 廣瀨
Hook assy & bobbin (Japan) Hirose

規格

SPECIFICATIONS

| 規格 Specification | PS-C series | | | |
|---|--|----------------------|-----------------------------------|--|
| 線跡 Stitch Type | 單針鎖縫 Single Needle Lockstitch | | | |
| 最高縫製速度 Max. Sewing Speed | 2500 S.P.M. | | | |
| 送布方式 Feeding | 間歇性送布 (步進馬達驅動) Intermittent Feeding (Stepping motor drive mode) | | | |
| 針距 Needle gauge | 0.1~12.7 mm | | | |
| 最大針數 Max. stitch | 20,000 針/ 圖形 20,000 stitch / pattern | | | |
| 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 | | | |
| 數位線張力控制器 Digital Tension Controller | 選配 Option | | 標配 Standard | |
| 標配 Standard | 掃線 Thread Wiper | 切線 Thread Trimmer | 斷線感測器 Thread Breakage Detector | |
| 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 | | | |
| 氣壓/ 用風量 Air Pressure/Consumption | 0.5MPa 1.7L /min | | | |

| PS-C | 1010C-01S | 1310C-01S | 2210C-01A | 3020C-01A | 4030C-01A | 6040C-01A |
|------------------------------------|--|--------------|------------------------|--------------|--------------------------|--------------|
| | 1010C-01A | | | | | |
| | 1010C-01A/SS | 1310C-01A | 2210C-01A/SS | 3020C-01A/HM | | |
| | 1010C-01A/FZ | | | | | |
| | 1010C-02A/SS | 1310C-01A/SS | 2210CL-01A | 3020C-01A/MY | | |
| | 1010C-02S | | | | | |
| 縫製區 (X x Y) Sewing area (X x Y) | 100 X 100 mm | 130 X 100 mm | 220 X 100 mm | 300 X 200 mm | 400 X 300 mm | 600 X 400 mm |
| 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 | |
| 重量 Weight | PS-1010C:198/168kg · L124xW85xH132cm PS-1310C:198/168kg · L124xW85xH132cm PS-2210C:220/170kg · L125xW90xH134cm PS-3020C::280/240kg · L124xW124xH132cm PS-4030C:360/300kg · L125xW115xH145cm PS-6040C:400/330kg · L145xW170xH145cm | | | | | |

SIRUBA

PS SERIES FEATURES



高林股份有限公司
KAULIN MFG. CO., LTD.

由於對產品的改良及更新，本產品型錄中之產品規格及外觀的修改恕不事先通知！
The specification and/or appearances of the equipment described in this catalogue are subject to change without previous notice because of modification.

MAY, 2026