

# ASO-ABF100

## 自動送扣裝置 Auto Button Feeder

ASO-ABF100J

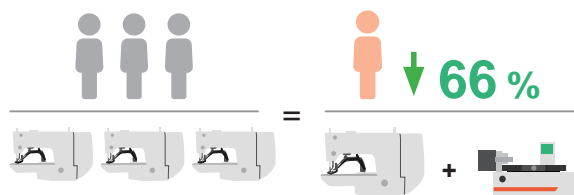


ASO-ABF100B



### 特點

### FEATURES



電子釘扣機附自動送扣比傳統縫扣機速度提升3倍  
Button sewing machine with auto button feeder enhances 300% efficiency of button sewing.

循環時間: 2.2秒/顆; 13,090顆/ 8小時  
Cycle Time: 2.2 Sec./Button; 13,090 Buttons/8 Hr



影片連結  
Video link



#### 操作面板

簡單圖像式操作介面，所有車縫所需資料，皆能清楚顯示

#### PANEL

User friendly interface, all sewing parameters are clearly shown.



#### 感知器訊號檢測

透過操作面板A02功能，檢測感知器訊號正常

#### SENSOR SIGNAL DETECT

Checking the sensors detecting by A02 function of operation panel.



#### 翻扣機制

自動吹風翻扣功能，提高大尺寸鈕扣 (ø16mm以上) 的精確性

#### FLIP MECHANISM

Flip mechanism enhance the accuracy of ø16mm up button by auto air-blow.



#### 鈕扣夾爪自動感知器

可鈕扣夾爪偵測鈕扣位置，避免空縫

#### SMART SENSOR OF BUTTON CLAMP

Button clamp can detect the button position and avoid sewing without button.



#### 送扣軌道調整

送扣軌道調整由步進馬達精準控制

#### BUTTON CHANNEL ADJUSTMENT

Channel adjustment is controlled by stepping motor accurately.



#### 單鍵退扣

按鍵即可清空軌道內鈕扣

#### DISCHARGING

Press the key and then remove all the buttons in the channel.

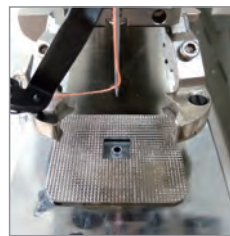


### 電子式自動量測鈕扣

精準、極速，短時間內即可完成更換鈕扣設定

### ELECTRONIC AUTOMATIC MEASUREMENT OF BUTTON SIZE

Accurate, Ultrafast, adjusting different button in a short time.



### 機頭上鈕扣夾爪

變換鈕扣尺寸時，鈕扣夾爪無須變更調整

### BUTTON CLAMP OF MACHINE HEAD

Button clamp is suitable for variety button size, the clamp can be used in different button size and no further adjustment needed.



### 送扣載具模組化

可因應不同鈕扣規格，快速更換適合的送扣載具

### BUTTON CARRIER MODULE

Modularized button carrier is for different button size and replacement.



### ABF-J(B) 安裝

簡易、快速安裝

### INSTALLATION

Easy and friendly installation.

## 規格

## SPECIFICATIONS

型號 Model	ABF100J	ABF100B
適用車頭 Apply For	Juki LK-1903A/LK-1903B/ LK-1903AN	Brother 438FX
工作夾具提升量 Rising Amount of Clamp	最大:13mm Maximum:13mm	
餵扣時間 Feeding Time	0.35~0.5秒 0.35~0.5 Sec.	
使用鈕扣 Button	種類：圓形平扣 尺寸:Φ8~26mm ※Ø10mm以下為特規，須更換規格件 Type: Circle Flat Button Size: Φ8~26mm ※Ø10mm is special specification, need to replace standard parts.	
使用扣孔 Button Hole	標準：2或4孔 選配：3孔 Standard: 2&4 Holes Option: 3 Holes	
鈕扣厚度 Thickness of Button	1.5~3.5mm	
氣體消耗量 Air Consumption	20公升/分 20 L/min	
氣壓 Air Pressure	0.5 MPa	
電源電壓 Power Supply	單相AC 200~240V 50/60Hz single-phase AC 200~240V 50/60Hz	
機器尺寸 Dimensions	寬 440 × 深 560 × 高 280mm 440(W)x560(D)x280(H)mm	

#### Remark:

標配：專用桌板、腳架、鈕扣壓腳、底板、大小鋸齒板及12組標準送扣載具使用  
選配：3孔扣孔、對位器、雷射燈對位器

#### \*鈕扣尺寸定義：

超小鈕扣尺寸Φ8~10mm，小鈕扣尺寸Φ10~20mm，大鈕扣尺寸Φ20~26mm  
鈕扣夾爪適用範圍Φ8~26mm，但縫製超小或大鈕扣時，需視鈕扣厚度與凸面的情況

#### \*\*大小鋸齒板選用建議

使用鈕扣	尺寸:Φ8~16mm	尺寸:Φ16~25mm
	小鈕扣鋸齒板	大鈕扣鋸齒板

#### Remark:

Standard: Professional table, All Set of Button Presser Foot, Small/Big Button  
Serrated Plate and Bottom Plate, 12 Sets of Standard Button Carrier.  
Option: 3-Holed of Button Carrier, Button Spacer, Button Spacer with Laser Light.

#### \*The definition of Button Size:

Extra small button size is Φ8~10mm, small button size is Φ10~20mm, and large button size is Φ20~26 mm. Basically, Button clamp of machine head is applied for Φ8~26mm, but that sewing extra/ large button size are depend on its thickness and convexity.

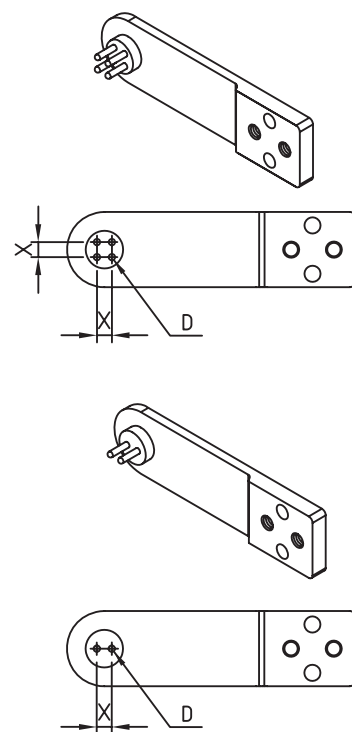
#### \*\*Suggestion of selecting the serrated plate

Button	Size: Φ8~16mm	Size: Φ16~25mm
	The small serrated plate	The Big serrated plate

## 送卸載具模組規格

### Button Carrier Specification

零件編碼 Codea of Parts	X $\begin{smallmatrix} +0.05 \\ -0.05 \end{smallmatrix}$	D $\begin{smallmatrix} +0.05 \\ -0.05 \end{smallmatrix}$	鈕扣孔數 Button Holes
ABF118	2.2	1.0	4
ABF119	2.2	1.0	2
ABF120	2.4	1.2	4
ABF121	2.4	1.2	2
ABF269	2.6	1.2	4
ABF270	2.6	1.2	2
ABF122	2.8	1.2	4
ABF123	2.8	1.2	2
ABF124	3.2	1.2	4
ABF125	3.2	1.2	2
ABF126	3.6	1.2	4
ABF127	3.6	1.2	2



## 鈕扣型狀

### Button Shape

適用鈕扣的形狀 Available Shape of Button	不適用鈕扣的形狀 Unavailable Shape of Button
<p>兩面須有明顯區別(落差)，凹或凸須在1.2mm差距以上，以順利判定正反面</p> <p>Two sides must be obviously different (Dissimilarity)For determining the positive or negative side, the convex or concave must above 1.2mm gap.</p>	<p>兩面皆相同之鈕扣，機器無法判別</p> <p>Machine can' t work if one side of the button is identical to the other.</p>

