# SPS/A(B) - 1811/2211 SERIES





# SPS / A(B) - 1811 -

SPS		/ A(B)		- 1811					
SunStar pattern series		Motor			Sewing area		Application		
			А	Belt drive		1811	180mm x 110mm	G	Medium material
			В	Direct drive	ct drive		220mm x 110mm	Н	Heavy material
		-							
Stitch			Feed plate type						
S	Standard stitch		20 Pneumatic monolithic feed plate						
5			21 Pneumatic monolithic feed plate with two step stroke device						
Ρ	Perfect stitch		22 Pneumatic separately-driven feed plate						
			23	23 Pneumatic separately-driven feed plate with inverting clamp device					

# • Specification

Model			1	811		2211				
		SPS/B-1811G	SPS/B-1811H	SPS/A-1811G	SPS/A-1811H	SPS/B-2211G	SPS/B-2211H	SPS/A-2211G	SPS/A-2211H	
Application [material]		Medium	Heavy	Medium	Heavy	Medium	Heavy	Medium	Heavy	
Max. sewing speed [spm]		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	
Stitch length [mm]		0.1~12.7	0.1~12.7	0.1~12.7	0.1~12.7	0.1~12.7	0.1~12.7	0.1~12.7	0.1~12.7	
Lift of the p foot [mm]	presser	Auto	20	20	20	20	20	20	20	20
Lift of the feed frame		30	30	30	30	30	30	30	30	
Needle bar stroke [mm]		41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	
Air pressure [MPa]		0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	
Sewing area X [mm] Y			180	180	180	180	220	220	220	220
			110	110	110	110	110	110	110	110
No. of input patterns		691	691	691	691	691	691	691	691	
No. of input stitches		360,000	360,000	360,000	360,000	360,000	360,000	360,000	360,000	
Needle		DPx5 #14	DPx17 #18	DPx5 #14	DPx17 #18 DPx5 #14		DPx17 #18	DPx5 #14	DPx17 #18	
Hook	Driv	e type	Shuttle	Shuttle	Shuttle	Shuttle	Shuttle	Shuttle	Shuttle	Shuttle
	Posi	Position Vertical		Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
	Capa	acity	x2	x2	x2	x2	x2	x2	x2	x2
Lubrication		Semi-auto	Semi-auto	Semi-auto	Semi-auto	Semi-auto	Semi-auto	Semi-auto	Semi-auto	
Thread roll		0	0	0	0	0	0	0	0	
Auto thread trimming		0	0	0	0	0	0	0	0	
Feeding system		Pulse motor	Pulse motor	Pulse motor	Pulse motor	Pulse motor	Pulse motor	Pulse motor	Pulse motor	
Motor		Servo motor (Direct)	Servo motor (Direct)	Servo motor	Servo motor	Servo motor (Direct)	Servo motor (Direct)	Servo motor	Servo motor	

Specifications and appearance of products are subject to change without notice for the performance improvement.

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# SPS/A(B)-1811/2211 SERIES

Electronically controlled, pattern sewing machine

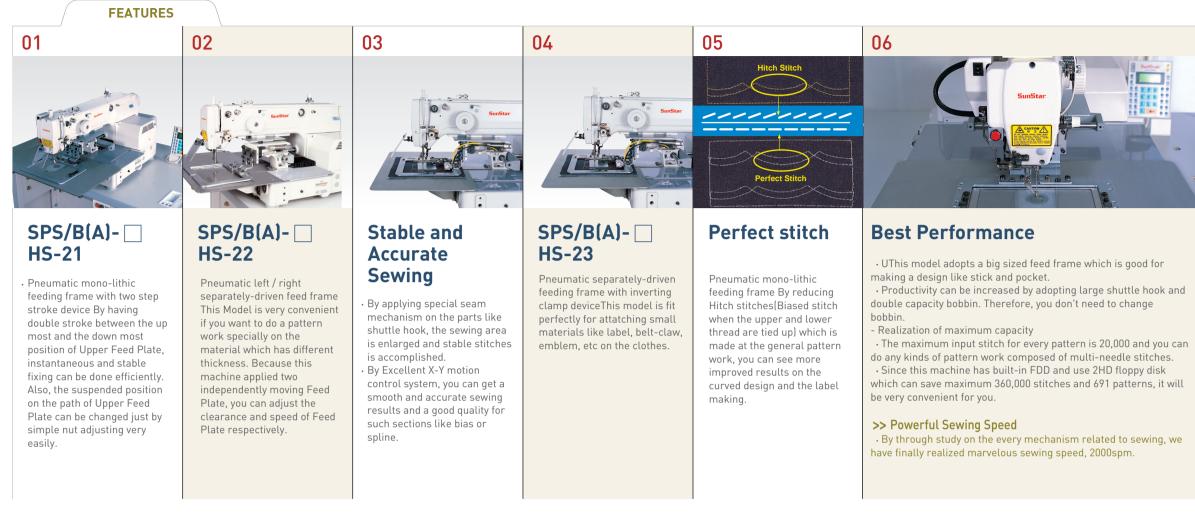
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# PATTERN



# **SPS/A(B) - 1811/2211** SERIES



# SunStar SPS/B(A)-1811 Series has finally come to the market which will lead automatic sewing machine industry in the 21st century on the basic of best reliance

- · Direct Drive System, newly developed by SunStar, means the motor is attached to the machine head directly. As the system connects the AC Servo motor to the upper shaft using the coupling, the machine provides improved responsiveness and upgraded stopping accuracy so it is optimum for high quality sewing.
- $\cdot$  Since the V-belt is removed, vibration and noise are reduced. So the machine offers comfortable working environment, high productivity and low eletric power consumption.
- · In addition, the durability of the machine is greatly improved since there is no radial load from the V-belt.
- · Direct drive system makes the installation job much easier and offers safe working environment.



## Easy and Simple Operation

- · It's very convenient since operator can check data input error and thread cut right away on the monitor.
- Even though you are a amateur, you can use the machine comfortably owing to the dialogue type Operation Panel.
- · You can save data input time by using shortcut button for frequently using function
- Since Operation Panel is movable, it's very comfortable for operator to make a desian

### Excellent Applicability

- You don't need any reformation when you attach other accessories or pneumatic devices to the machine, because extra input and output ports are installed on the outside of control box.
- You can change the electric power voltage simply by changing the connector position inside of control box.

# Wonderful Input & Output

- Input for line, arc, spline and circle is very simple.
- · Many kinds of stitches like as zig-zag, offset, automatic backtack, double
- forward/backward, condensing and overlapping stitches can be done very easily.
- You can do jobs like transfering, copying, removing and symmetrizing by easy operation
- · You can change the sewing and jumping speed even though machine is working.
- You can select any kind of design and input data just by selecting function code.

