

SPS/E-BS1201

SPS

/ E -

B 1201

Sunstar Pattern System

Upgrade Type

Code	Type	Code	Use
S	Shuttle Hook	H	Heavy materials
R	Rotary Hook	M	General materials
		L	Light materials
		K	Knit

Specification

Model	SPS/E-BS1201	SPS/E-BR1201
Application	H(Heavy Material), M(General Material)	L(Light Material), K(Knit)
Sewing Area(X, Y)	X : 40mm Y : 30mm(Max.)	
Sewing Speed	Max. 3200 spm	
Stitch Length	0.05~12.7mm	
Needle	DPx17#23(19~23)	
Hook	Standard Shuttle Hook	Larged Rotary Hook
Height of Presser Foot	Max. 17mm(Use Step Motor)	
Trimming Device	Electronic Solenoid Type	
Feeding System	R- Ø(Use Step Motor)	
No. of Stitches	Max. 10,000 Stitches	
No. of Patterns	Max. 99 Patterns(Standard 32 Patterns)	
Memory	P-ROM	
Motor	500W Direct Drive AC Servo Motor	
Power	Free Voltage(110V / 220V)	

Option

>> Input Sewing Pattern Design Using of PDA/PC



User PDA

SSPDA for PDA Version

Download Method

1. IrDA Wireless Download
2. RS-232C Serial Download



User PC

SSPDA for PC Version



• Applicable Machine

SPS-1201 Series SPS-1254 Series
SPS-1202 Series SPS-1263 Series

Bartack Series

It is Convenient for Creating Pattern Design Using of PDA or PC
But, in Case of Wireless, it is Limited to PDA, and a User Needs Special Wireless Adaptor(Optional)

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

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AGENT:

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Electronically Controlled Bartack Sewing Machine

SPS/E-BS1201 Series



SunStar®

SPS/E-BS1201 Series

SPS/E -BS1201 Series made by SunStar
high technology!
Realize more improved and developed
automatic sewing system

>> Pleasant Working Environment

It can offer a pleasant and quiet working condition since V-belt is not used.

>> Outstanding Productivity

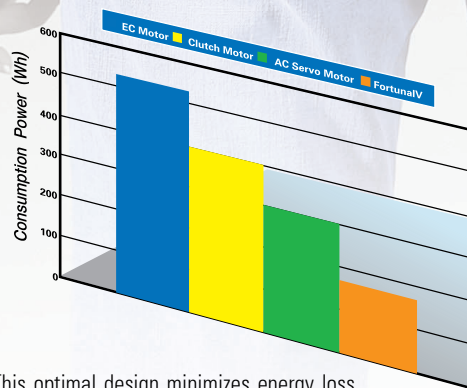
It has the maximum speed of 3200spm, and the direct-motor method enables users to feel less fatigued.

>> Multiple Pattern Supply

You can have 32 basic patterns at the time you purchase this machine. Basic patterns contain various stitches and sizes including large, medium, small and straight line bartacking. Also, you can see speedy and powerful performance under any kind of condition. (32 basic patterns+67 additional patterns=maximum 99 patterns)

>> Energy Efficiency

SunStar's Direct Drive AC Servo Motor directly sends power to the upper shaft. This optimal design minimizes energy loss. Compared with existing AC Servo motors, it consumes much less energy.

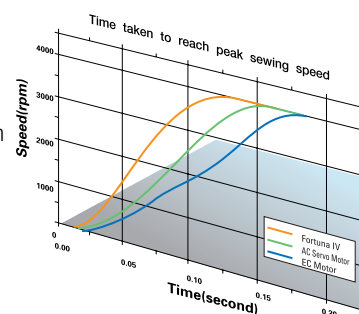


Direct Drive

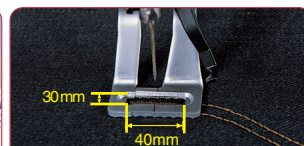


Equipped with 500W AC Servo Motor, the sewing machine can powerfully handle heavy materials.

Compared with competitors, more stable motor capability is offered (patent filing under way) Based on 3-D CAD & CAE interpretation, it produces less noises and low vibration. The sewing machine can make accurate stop, and its prompt and smooth responsiveness leads to productivity enhancement.



>> Feature

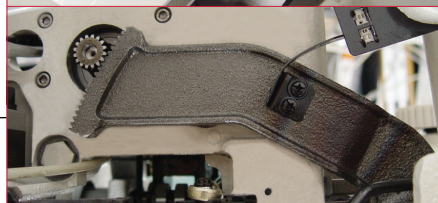


Improved Lubrication System-Semi-Dry

A hermetically sealed oil tanks helps a lubrication to hook.

Expand Working Space

With 40mmx30mm Sewing area, the machine can provide a various sewing pattern.



Accurate Sewing

Controlling stitch movement by a micro unit(0.05mm), you get a accurate sewing results and the best quality.



Max Speed 3200spm

Higher productive with the most fastest sewing speed



Upgraded Presser Foot System

The motor adopts step control movement.



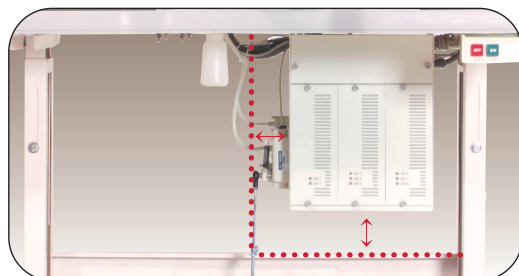
>> Operation Box



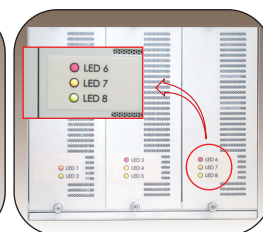
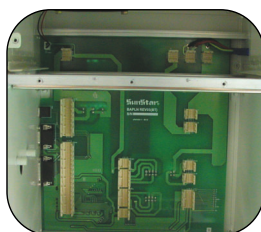
- Various functions can be used by pressing icons, and the setting can be done with one-touch operation. As such, even the first-time users can easily operate the machine.
- Up to 26 patterns can be registered in the memory. There are two function keys, which can combine up to 30 registered patterns. This function enables fast operation.
- The CF card enables a large number of patterns to be stored.

>> Control Box Upgrade

- By lightening the control box, the working space under the table has been expanded.

























- As a seamless rack type, fewer breakdowns occur, and maintenance becomes easier.



>> Bartack Option Table of Patterns

For Heavy and General Materials						For Heavy and General Materials					
Application NO.	1	2	3	4	5	Application NO.	6	7	8	9	10
Pattern						Pattern					
No. of Stitches	28	28	36	36	42	No. of Stitches	42	42	42	56	64
Sewing Area X(mm)	10	16	10	16	10	Sewing Area X(mm)	16	16	24	24	24
Sewing Area Y(mm)	2	2.5	2	2.5	2	Sewing Area Y(mm)	2	2.5	3	3	3

Application	For Thin Materials						For Knit						Application	Straight Line					
NO.	11	12	13	14	15	16	NO.	17	18	19	20	21	22						
Pattern							Pattern												
No. of Stitches	21	28	36	14	21	28	No. of Stitches	21	28	28	36	41	44						
Sewing Area	X(mm)	6	6	8	8	8	Sewing Area	X(mm)	10	10	25	25	35						
	Y(mm)	2.5	2.5	2.5	2	2		Y(mm)	0	0	0	0	0						

Application	Length Wise				Length Wise Straight Line				Semi Circle	
NO.	23	24	25	26	27	28	29	30	31	32
Pattern										
No. of Stitches	28	36	42	56	18	21	21	28	42	42
Sewing Area X(mm)	4	4	4	4	0	0	0	0	11	11
Sewing Area Y(mm)	20	20	20	20	20	10	20	20	7	7

