

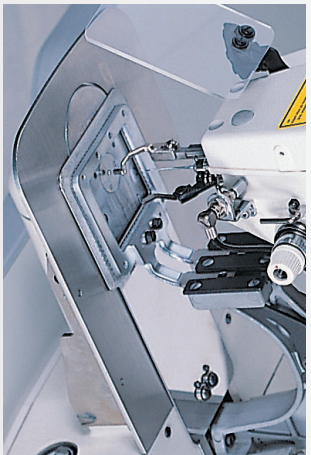
**Electronic Wiper Unit ▶**

The wiper driven by and electronic solenoid is a device which makes the surfaces of fabrics beautiful in a next work. And On/Off is selectable simply by selecting the parameter.



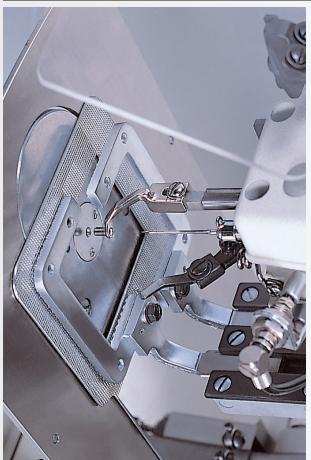
▶SPS/D-B1254□A-22  
SPS/D-B1263□A-22

It offers every convenience including position control by operating the left and right feed plates separately when inserting sewing materials. And the user's application has been maximized by changing the operating steps of the left and right feed plates freely and making the plates turn into the integrated-type drive freely by selecting a parameter.



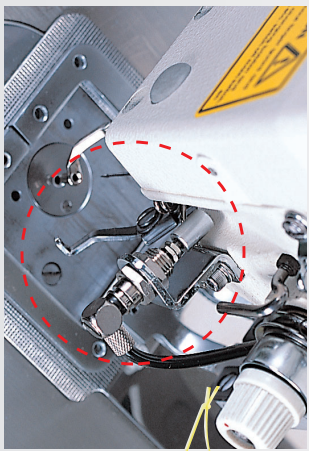
◀SPS/D-B1254□A-20  
SPS/D-B1263□A-20

It manifests an excellent function in a pattern work and a Bartack work without any limit of the range of material thickness since the integrated-type feed plate of the basic type can lift up to 20mm at maximum.



**Needle Cooler**

The needle cooler prevents thread break caused by the high needle temperature during sewing work, therefore realizing more stable sewing environment.



▶Upper Thread-Holding Device(Optional)

It maintains remaining thread regularly required for sewing of the first stitch regardless of thread type after thread trimming. Therefore it provides stable condition for sewing of first stitch and improves productivity by reducing defective proportion.



>> **Bartack Option Table of Patterns**

For Heavy and General Materials				
Application	NO.	1	2	3
Pattern				
No. of Stitches	28	28	28	36
Sewing X(mm)	10	16	16	10
Area Y(mm)	2	2.5	2	2.5
For Heavy and General Materials				
Application	NO.	6	7	8
Pattern				
No. of Stitches	42	42	42	56
Sewing X(mm)	16	16	24	24
Area Y(mm)	2	2.5	3	3
For Thin Materials				
Application	NO.	11	12	13
Pattern				
No. of Stitches	21	28	36	14
Sewing X(mm)	6	6	6	8
Area Y(mm)	2.5	2.5	2.5	2
For Knot				
Application	NO.	14	15	16
Pattern				
No. of Stitches	6	6	6	8
Sewing X(mm)	2.5	2.5	2	2
Straight Line				
Application	NO.	17	18	19
Pattern				
No. of Stitches	21	28	28	36
Sewing X(mm)	10	10	25	25
Area Y(mm)	0	0	0	0
Length Wise				
Application	NO.	23	24	25
Pattern				
No. of Stitches	28	36	42	56
Sewing X(mm)	4	4	4	0
Area Y(mm)	20	20	20	10
Length Wise Straight Line				
Application	NO.	26	27	28
Pattern				
No. of Stitches	28	36	41	44
Sewing X(mm)	10	10	25	25
Area Y(mm)	0	0	0	0
Semi Circle				
Application	NO.	29	30	31
Pattern				
No. of Stitches	28	36	42	42
Sewing X(mm)	4	4	4	11
Area Y(mm)	20	20	20	7

>> **Table of Standard Patterns**

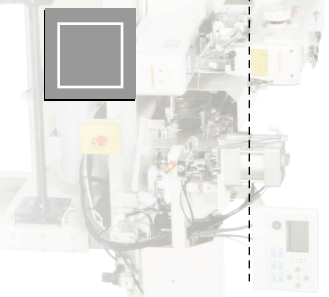
No.	Pattern	No. of Sewing Area Stitch X(mm) Y(mm)	No.	Pattern	No. of Sewing Area Stitch X(mm) Y(mm)	No.	Pattern	No. of Sewing Area Stitch X(mm) Y(mm)
33		75 50 40 34	34		59 45 29 35	35		59 30 40
36		139 50 30 37	37		159 50 40 38	38		155 30 35
39		219 50 40 40	40		229 50 40 41	41		335 45 40
42		397 50 40 43	43		84 30 30 44	44		147 35 40
45		56 33 30 46	46		56 35 35 47	47		74 3.6 36
48		78 8 35 49	49		116 31 31 50	50		108 28 28
51		136 28 28 52	52		122 40 28 53	53		162 34 31
54		142 40 24 55	55		65 30 8 56	56		65 8 30

**Note)**

1. Pattern No. 33 to No. 55 are for fabric, wadding, etc. works.  
2. Pattern No. 33 to No. 55 are for fabric, wadding, etc. works. The range of Bartack work has been extended to 47 to No. 56, use it after adjusting the maximum sewing speed (less than 1,800~2,000rpm).  
3. The status of sewing shall be uniform according to the kind of sewing materials and other conditions in case of patterns of Bartack works. In this case, Please make use of our company's SPS/D-B1201 series.  
4. Besides the above 56 patterns, it is available to provide with 56 patterns additionally. (Maximum 99 patterns)

**SPS/D-BR1254H**

**SPS / D - B 1254**



Model	SP S/D - BR1254H	SP S/D - BR1254HC
Sewing Speed	2500spm	
Sewing Area	50mm X 40mm	
Stitch Length	0.1~10mm	
Work Clamp Lift	20mm	
Needle Bar Stroke	41.2mm	
Needles	DP17 x #21, DP17 x #23	DP17 x #25, DP17 x #26
Take Up Lever Stroke	72mm	
Hook	Full Rotary 3-Fold Capacity Hook	
Number of Stitches	10,000 Stitches	
Number of Patterns	56 Patterns	
Memory	EP ROM	
Enlarging / Reducing	20~200%	
Motor / Drive Type	AC Servo Motor 500W	
Height of Presser Foot	Air Cylinder Type	
Wiper	Air Cylinder Type	
Presser Foot	○	
Second Thread Tension	X	
Heat Cutter	○	
Power	Free Voltage (110V / 220V)	

**Option**

>> **Input Sewing Pattern Design Using of PDA/PC**

Download Method  
1. HDA Wireless Download  
2. RS-232C Serial Download

**User PDA**

SSPDA for PDA Version

**User PC**

SSPDA for PC Version

**Bartack Series**

• Applicable Machine  
SPS-1201 Series SPS-1263 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:**

TEMPORARY CATALOGUE ONLY FOR ADVERTISEMENT OF SAMPLE MACHINE

May 2006 Printed in Korea



Electronically Controlled Bartack Sewing Machine

**SPS/D-BR1254H Series**



**SunStar**



# SPS/D-BR1254H Series

SPS/D-BR1254H 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.

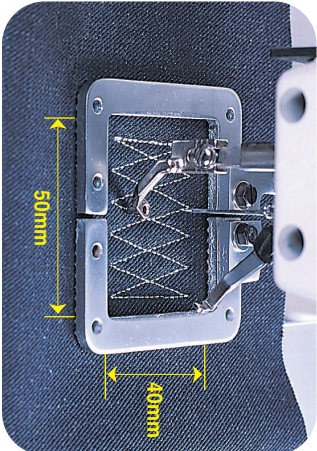
## >> Stable and Incredible Sewing Mechanism

- Stable and beautiful stitches are realized through the adoption of advanced seam mechanism and installation of highly reliable shuttle hook.
- By excellent X-Y motion control system, you can get a smooth and accurate sewing results. Also this model gives a good quality for such sections as bias or spline.



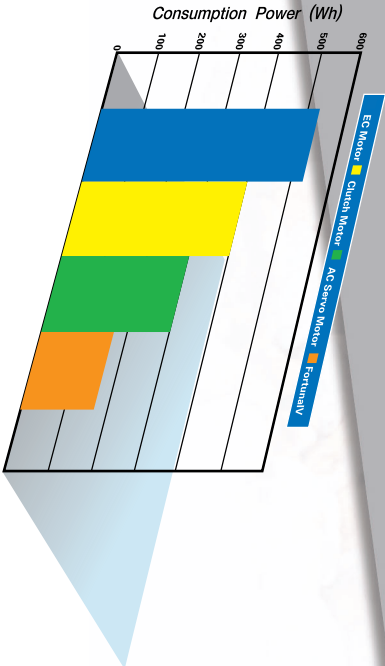
## >> Best Performance

This machine accomplished the best sewing area(50mm X40mm) for shaping, label attachment, safety belt sewing and complementary.

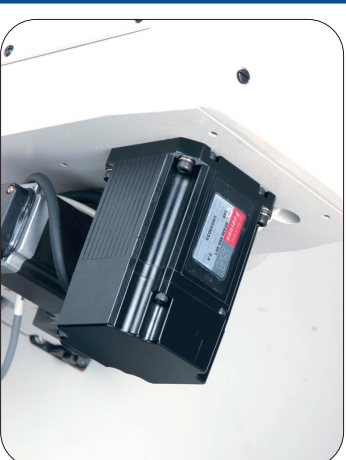


## >> Energy Efficiency

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.

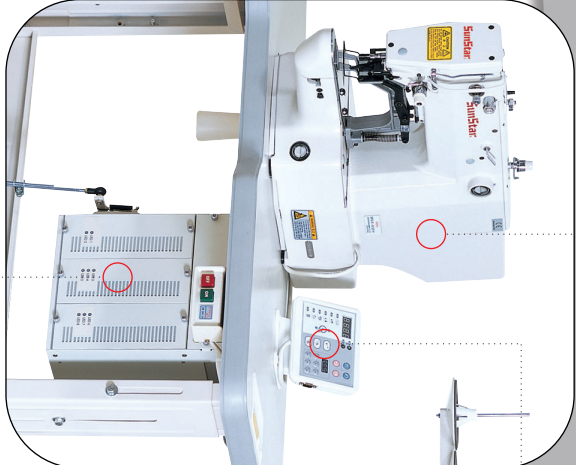
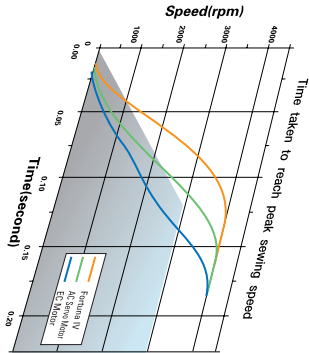


## Direct Drive



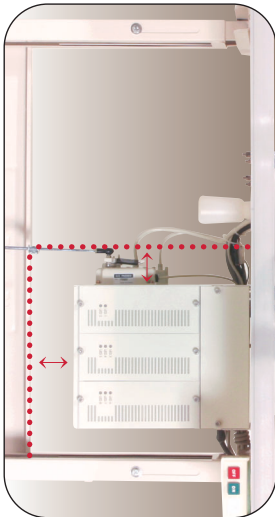
**Equipped with 500W AC Servo Motor, the sewing machine can powerfully handle heavy materials.**

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.



## >> Control Box

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



## >> Feature



## >> 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.



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

