

SPS/D-B1254/1263

SERIES

Electronically controlled, pattern tacker sewing machine



PATTERN TACKER

SPS / D - BR1254

SPS / D - B R

SunStar pattern series

Hook
R Rotary hook

1254

Sewing area
1254 50mm x 40mm
1263 60mm x 30mm

1263

Application
H Heavy material
SHC Up/down separate type heat thread trimming

Specification

Model		1254		1263	
		SPS/D-BR1254H	SPS/D-BR1254SHC	SPS/D-BR1263H	SPS/D-BR1263SHC
Application [material]		Heavy	Heavy	Heavy	Heavy
Max. sewing speed [spm]		2,500	2,500	2,500	2,500
Stitch length [mm]		0.1~10	0.1~10	0.1~10	0.1~10
Lift of the presser foot [mm]	Auto	20	20	20	20
Lift of the feed frame		20	20	20	20
Needle bar stroke [mm]		41.2	41.2	41.2	41.2
Sewing area [mm]	X	50	50	60	60
	Y	40	40	30	30
No. of input patterns		99 [Standard 56]	99 [Standard 56]	99 [Standard 56]	99 [Standard 56]
No. of input stitches		10,000	10,000	10,000	10,000
Needle		DPx17 #21, #23	DPx17 #25, #26	DPx17 #21, #23	DPx17 #25, #26
Hook	Drive type	Rotary	Rotary	Rotary	Rotary
	Position	Vertical	Vertical	Vertical	Vertical
	Capacity	x3	x3	x3	x3
Lubrication		Semi-auto	Semi-auto	Semi-auto	Semi-auto
Thread roll		O	O	O	O
Auto thread trimming		O	O	O	O
Thread trimming type		-	Heat thread trimming	-	Heat thread trimming
Feeding system		Pulse motor	Pulse motor	Pulse motor	Pulse motor
Motor		Servo motor [Direct]	Servo motor [Direct]	Servo motor [Direct]	Servo motor [Direct]

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



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	SUNSTAR BANGALORE BRANCH OFFICE tel: 91-80-2653-0365~6 fax: 91-80-2653-0367		SUNSTAR QINGDAO BRANCH OFFICE tel: 86-532-6691-1991 fax: 86-532-6691-2262	
	SUNSTAR DELHI BRANCH OFFICE tel: 91-120-4560057~8 fax: 91-120-4560059		SUNSTAR SHENYANG BRANCH OFFICE tel: 86-24-2375-1329 fax: 86-24-2375-1329	
OVERSEAS NETWORK	SUNSTAR DHAKA BRANCH OFFICE tel: 88-02-881-9153 fax: 88-02-883-5707		SUNSTAR NANJING BRANCH OFFICE tel: 86-25-8459-4758 fax: 86-25-8459-4408	
	SUNSTAR CHITTAGONG BRANCH OFFICE tel: 88-031-255-2497 fax: 88-031-255-2497		SUNSTAR HANGZHOU BRANCH OFFICE tel: 86-571-8577-9477 fax: 86-571-8577-9478	
	SUNSTAR JAKARTA BRANCH OFFICE tel: 62-21-4586-5839 fax: 62-21-4586-5840		SUNSTAR WUHAN BRANCH OFFICE tel: 86-27-8375-3080 fax: 86-27-8375-0371	
SUNSTAR U.S.A. INC tel: 1-305-591-9596 fax: 1-305-591-0661	SUNSTAR HOCHIMINH BRANCH OFFICE tel: 84-8-3592-3703 fax: 84-8-3592-3704		SUNSTAR DONGGUAN BRANCH OFFICE tel: 86-769-2249-1610 fax: 86-769-2234-4042	
	SUNSTAR EUROPE INTERNATIONAL GMBH tel: 49-521-5849930 fax: 49-521-58499329		SUNSTAR AR ANHUI BRANCH OFFICE tel: 86-551-424-8000 fax: 86-551-424-8000	
	SUNSTAR BELARUS OFFICE tel: 375-17-237-1834		SUNSTAR ZHENGZHOU BRANCH OFFICE tel: 86-371-8606-8393 fax: 86-371-8606-8393	
SUNSTAR HANOI BRANCH OFFICE tel: 86-21-6957-6308 fax: 86-21-6957-6449		SUNSTAR TIANJIN BRANCH OFFICE tel: 86-22-6249-6150 fax: 86-22-6089-1737		WEB - SITE www.sunstar.co.kr
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SunStar SunStar CO., LTD.



01-EN-120523

SunStar®

FEATURE

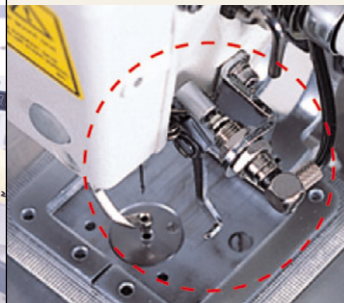
01



Electronic Wiper Unit

The wiper driven by 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.

02



Upper Thread Holding Device (Option)

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.

03



Operation Box

- In the simply designed operation box, various functions, including pattern change, speed change, zoom-in/-out, and bobbin counter setup, are displayed in the icon forms, so that all the functions can be used by touching the icon once.
- 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.

04

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.

05

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.

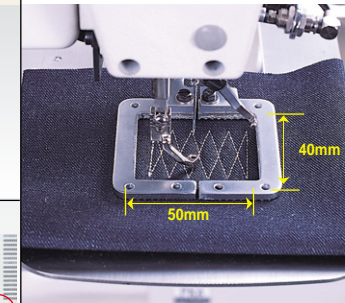
06



Control Box Upgrade

- By lightening the control box, the workspace under the table has been expanded.
 - As a seamless rack type, fewer breakdowns occur, and maintenance becomes easier.
- Control Box Upgrade**
- The power on/off LED enables fast checking of the causes of troubles and A/S services.

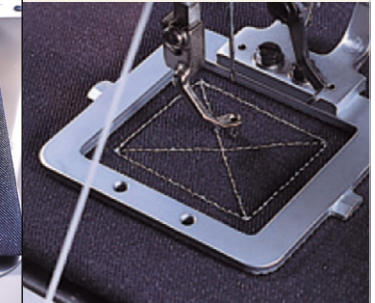
07



Best Performance

This machine accomplished the best sewing area(50mmX40mm) for shaping, label attachment, safety belt sewing and complementary.

08



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.

INPUT SEWING PATTERN DESIGN USING OF PC



User PC

It is convenient for creating pattern design using of PC

Download method
1. RS-232C Serial download
2. USB



Features

- Convenient data management
- Support of dedicated pattern creation tool
- Created data check
- Convenient data creation and editing
- Simple embroidery design punching
- 3D view for actual sewing result
- Support of various external data formats (DST, DSB, DXF, BMP, JPG)

• Applicable machine

Pattern / Bartack / Zigzag / Pocket Setter / Belt Looper / Cap Visor

Pattern List

Application		For Heavy and General Materials				
NO.		1	2	3	4	5
Pattern						
No. of Stitches		28	28	36	36	42
Sewing X(mm)		10	16	10	16	10
Area Y(mm)		2	2.5	2	2.5	2
Application		For Heavy and General Materials				
NO.		6	7	8	9	10
Pattern						
No. of Stitches		42	42	42	56	64
Sewing X(mm)		16	16	24	24	24
Area Y(mm)		2	2.5	3	3	3
Application		For Thin Materials				
NO.		11	12	13	14	15
Pattern						
No. of Stitches		21	28	36	14	21
Sewing X(mm)		6	6	6	8	8
Area Y(mm)		2.5	2.5	2.5	2	2
Application		For Knit				
NO.		16	17	18	19	20
Pattern						
No. of Stitches		21	28	28	36	41
Sewing X(mm)		10	10	25	25	25
Area Y(mm)		0	0	0	0	0
Application		Straight Line				
NO.		21	22	23	24	25
Pattern						
No. of Stitches		21	28	28	36	41
Sewing X(mm)		10	10	25	25	25
Area Y(mm)		0	0	0	0	0
Application		Length Wise				
NO.		26	27	28	29	30
Pattern						
No. of Stitches		28	36	42	56	18
Sewing X(mm)		4	4	4	4	0
Area Y(mm)		20	20	20	20	10
Application		Length Wise Straight Line				
NO.		31	32	33	34	35
Pattern						
No. of Stitches		28	36	42	56	18
Sewing X(mm)		4	4	4	4	0
Area Y(mm)		20	20	20	20	10
Application		Semi Circle				
NO.		36	37	38	39	40
Pattern						
No. of Stitches		28	36	42	56	18
Sewing X(mm)		4	4	4	4	0
Area Y(mm)		20	20	20	20	10

NO.	Pattern	No. of Stitches	Sewing Area X(mm) Y(mm)	NO.	Pattern	No. of Stitches	Sewing Area X(mm) Y(mm)
33		75	50 40	34		59	45 29
36		139	50 30	37		159	50 40
39		219	50 40	40		229	50 40
42		397	50 40	43		84	30 30
45		56	33 30	46		56	35 35
48		78	8 35	49		116	31 31
51		136	28 28	52		122	40 28
54		142	40 24	55		65	30 8

Note)

1. Pattern No. 33 to No. 56 are for label, waving, etc. works.
2. Please work Pattern No. 1 to Pattern No. 32 after installing an option gauge suitable to the usage of Bartack work. (You should use the standard shuttle hook and the standard bobbin case certainly when doing a Bartack work.) [For Pattern numbers of No. 1 to No. 32 and No. 47 to No. 56, use it after adjusting the maximum sewing speed.] [Less than 1,800-2,200spm.]
3. The status of sewing shall be not 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/CID-B1201 series
4. Besides the above 56 Patterns, it is available to provided with 43 patterns additionally. [Maximum 99 patterns]