SPS/S-CV2

Electronically controlled,
automatic cap visor quilting machin

SPS / S - CV2

SPS	/ S	- CV	2
	Series	Application	
SunStar pattern series	Special	Cap visor	Second

⦿ Specification

Model		SPS/S-CV2
Application [material]		Medium~Heavy
Max. sewing speed [spm]		1,200
Stitch length [mm]		0.1~12.7
Lift of the presser foot [mm]	Auto	20
Needle bar stroke [mm]		41.2
Air pressure [MPa]		0.49
Sewing area [mm]	X	300
	Y	180
No. of input patterns		691
No. of input stitches		360,000
Needle		MR5 DP17, MR4 DP17
Hook	Drive type	Rotary
	Position	Vertical
	Capacity	x2
Emergency stop		O
Auto thread trimming		O
Feeding system		Pulse motor
Motor		Servo motor (Direct)

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

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| SUNSTAR AR ANHUI BRANCH OFFICE |
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AUTOMATIC



SPS / S - CV2

Electronically controlled,
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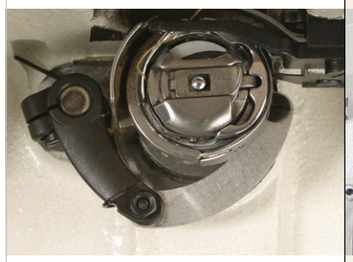
SunStar®

SPS/S-CV2 SERIES

Electronically controlled,
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FEATURE

01



Rotary large hook Rotary thread trimmer

The adoption of large hook makes frequent bobbin exchange unnecessary during sewing, thereby enhancing productivity. The Rotary Mes-type thread trimmer is simple in structure and easy to use.

02



Lower Thread Winding

The bobbin winder attached to the upper part of the machine can be used to wind the lower thread.

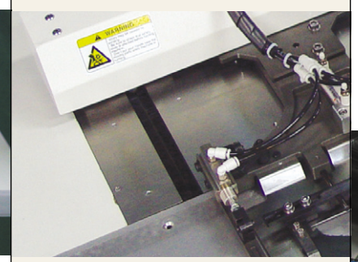
03



Increased safety

The machine operation and emergency switches are located at the same place, so that their prompt and convenient use is possible.

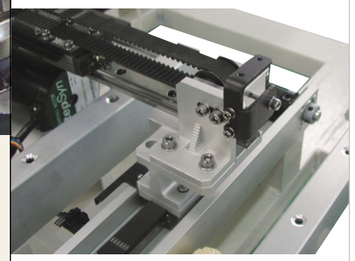
04



Y-Rail Guard

The Y-rail guard and the dust screen can protect the user from accidents and prevent damage to the Y-rail and the Y-timing belt.

05

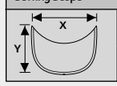


Optimal X-Y Mechanism

The adoption of the gantry type X-Y mechanism guarantees easy maintenance
and reliable X-Y feed.



High Feed Flate Type by Visor Outline Size

High Feed Plate Type / Sewing Scope		A	B	C
	X	182mm~202mm	170mm~190mm	165mm~180mm
	Y	136mm~160mm	120mm~144mm	108mm~130mm

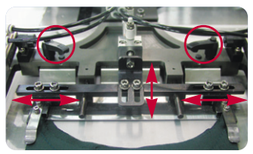
DIRECT DRIVE ETHOD

Direct Drive System Provides Excellent Responsiveness and Comfortable Working Environment



- Direct Drive System, newly developed by SunStar, means the motor is attached to the machinehead directly. As the system connects the AC Servo motor to the upper shaft using the coupling,the machine provides improved responsiveness and upgraded stop ping accuracy so it is optimum for high quality sewing.
- Since the V-belt is removed, vibration and noise are reduced. So the machine offers comfortable working environment, high productivity and low electric 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.

CAP VISOR

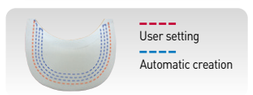


Various Sizes of Cap Visor Handling

The simple adjustment of the clamp makes it possible to handle different sizes of cap visors, enhancing the usability of the machine.

Easy Lower Feed Plate Replacement

The feed plate can be replaced by adjusting the hand lever.
Therefore, feed plate replacement-related work efficiency has been improved.



Automatic Creation of Cap Visor Design

Based on the one line created by the user, the remaining lines can be automatically created, making line creation very easy.

Patent
The optical film for detecting synchro signals and the onnected motor control device

Easy and Simple Operation

- It's very convenient because operator can check data input error and thread cut right away on the monitor.
- Even though you are an 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.
- Because Operation Panel is movable, it's very comfortable for operator to make a design.

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.