

SPS/S-CV2

Automatic Cap Visor Quilting Machine

SPS / S - C V 2

Sunstar Pattern System

Special

Cap

Second

Visor

Specification

Model	SPS/S-CV2	
Sewing Speed	Max. 1500 spm (Stitch Length : 3mm or below)	
Stitch Length	0.1~12.7mm	
Needle Bar Stroke	41.2mm	
Needle	DP×17, DP×15	
Transfer Range(X-Y)	220mm×160mm	
Presser Foot Stroke	Standard 4mm(0.7~7mm)	
Height of Presser Foot	22mm	
Hook	Full rotary large hook	
Memory Device	3.5" floppy disk (2HD) storage : Max. 691 patterns / diskette	
Safety Device	Emergency Stop Function	Emergency stop during sewing
	Max. Speed Limit	Speed can be controlled at the range from 180 to 2500 spm with the external controlling switch
Pattern Selection Function	Choose desired pattern numbers from 0 to 999	
Thread Trimming	Rotary mes thread trimming	
Memory Backup	Work points are stored in memory when sewing is stalled due to power outage	
2nd Original Point Function	Set the needle position during sewing by using jog key	
Main Motor	Upper-shaft drive motor : 500W Servo motor	
	X-Y motor : Step motor	
Voltage	Rated voltage ±10%, 50/60Hz	
Power Consumption	600VA	
Used Air Pressure	5.5kgf/cm ² (0.49~0.54MPa)	

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

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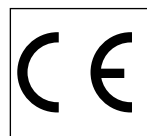
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SPS/S-CV2

Automatic Cap Visor Quilting Machine



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Find your Solution

SunStar

SPS/S-CV2

Automatic Cap Visor Quilting Machine



Find your Solution

Automatic Cap Visor Quilting Machine developed through the advanced technology of SunStar

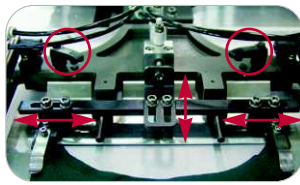
>> Direct drive method

Direct Drive System Provides Excellent Responsiveness and Comfortable Working Environment



- 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.
- 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

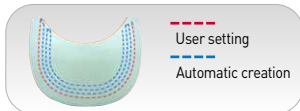
The simple adjustment of the clamp makes it possible to handle different sizes of cap visors, enhancing the usability of the machine.

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 the synchro signals and the connected 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 transferring, 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.



>> 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.



>> Lower Thread Winding

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



>> Increased safety

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



>> 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.



>> Optimal X-Y Mechanism

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



High Feed Plate Type by Visor Outline Size

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