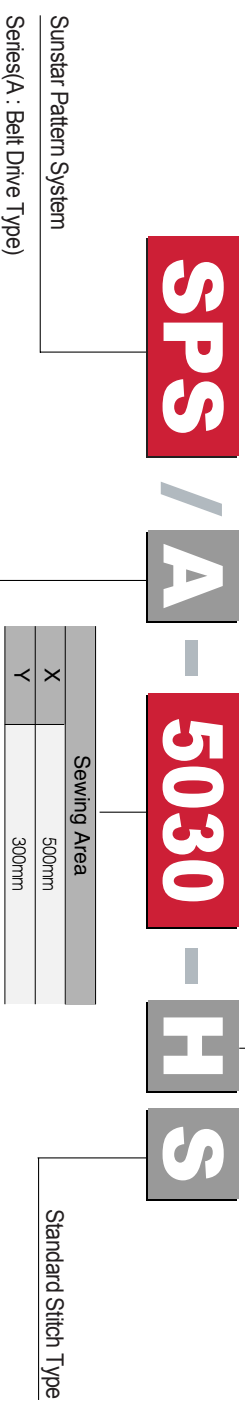


SPS/A-5030 Series

Code	Application
H	Heavy Materials
G	General Materials



Specification	Model	SPS/A-5030	SPS/A-7030
Application		Heavy Materials / General Materials	
Sewing Area		500 × 300 mm	700 × 300 mm
Sewing Speed		Max. 2,000spm(Stitch Length 3mm and less)	
Stitch Length		0.1-12.7 mm	
Needle		DP × 17 #18	DP × 5 #14
Hook		Large Shuttle Hook	
Height of Feeding Plate		Max. 20mm	35mm
Presser Foot Stroke		4mm(0-7mm)	
Trimming Device		Provided	
Wiper		Provided(Automatic Wiper)	
Emergency Switch		Provided	
Memory		3.5" HDD (2HD)	
No. of Patterns		Max. 691 Patterns	
No. of Stitches		Max. 360,000 Stitches	
Enlarging / Reducing		1-400% (0.1% Step)	
Main Motor		550W AC Servo Motor	
Feeding System		Feeding by Stepping Pulse Motor	
Power		1-Phase 100V-240V, 3-Phases 200V-440V, 50-60Hz	
Pneumatic		0.49 MPa(5kgf/cm ²)	

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

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Electronically Controlled Pattern Sewing Machine

SPS/A-5030 Series (500 × 300)

SPS/A-7030 Series (700 × 300)

SPS/A-5030H

SunStar SPS Series, which will lead the 21st century automatic sewing system with best reliability!



>> Fast Sewing

The sewing machine can operate at the maximum speed of 2,000rpm. Thorough study and analysis has been performed regarding all sewing-related motions to enable such fast sewing.



- The SPS series sewing machine can support the most optimized sewing scope (500X1mm X 300 (Y)mm) for bags, air bags and trouser rear pockets.

- As a large shuttle hook and a large volume bobbin are used, it is unnecessary to frequently replace the bobbin when sewing heavy materials.

>> Large Capacity

- As the 550W AC servo motor is used as a main shaft motor, maximum torque can be created. Thanks to this, powerful sewing is possible even when handling heavy materials.

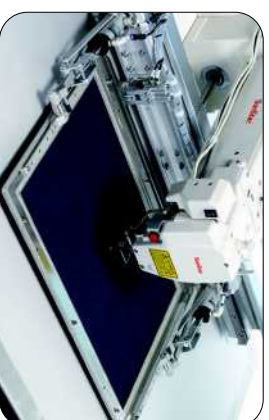


- The maximum number of needles input per pattern is 20,000. Therefore, any types of sewing patterns requiring multiple needles can be performed without problems.

- The embedded FDD can save up to 360,000 needles and 691 patterns in one 2HD floppy diskette. Therefore, the input and output of various designs is possible.

>> Stable and Beautiful Sewing

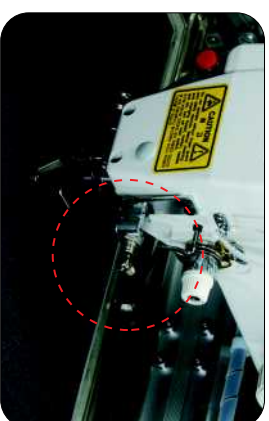
- The sewing scope has been expanded, and the mounting of reliable shuttle hook has made Stitch stable.



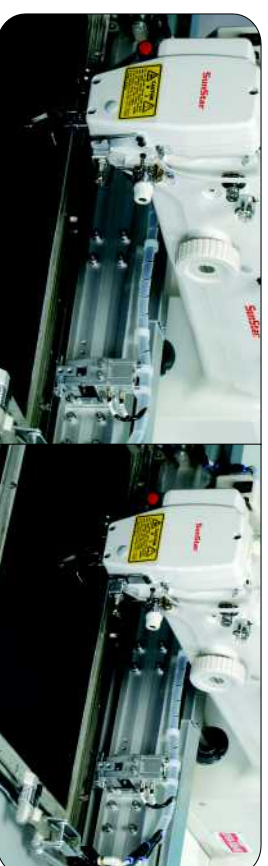
- The X-Y feed control system, which is based on the refined SunStar control technology, enables soft and accurate control. Therefore, even very difficult slant lines and splines can be beautifully handled.

>> Upper Thread Holding Device

After thread is trimmed, the remaining upper thread can have the same length for the first stitch regardless of thread types. This stabilizes the first stitch sewing and reduces the possibility of bad sewing.



The X-feed frame is made of durable but light aluminum. It is designed to change the palette clamping location, when using the palette. This makes the palette production much easier.



When sewing trouser rear pockets or automobile air bags, the palette can be removed. It can boost productivity.

Operation Panel

Easy and Simple Operation

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

Excellent applicability

- You don't need any reformation when you attach other accessories or pneumatic devices to the machine, because extra input and output ports are installed on the outside of control box.
- You can change the electric power voltage simply by changing the connector position inside of control box.

Wonderful input & output

- Input for line, arc, spline and circle is very simple.
- Many kinds of stitches like as zig-zag, offset, automatic back tack, 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.

