

SPS/A(B)-1306/1507 SERIES

Electronically controlled,
pattern sewing machine



For W24H service
www.sunstarcs.com

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PATTERN

SPS / A(B) - 1306

SunStar pattern series

FEATURES

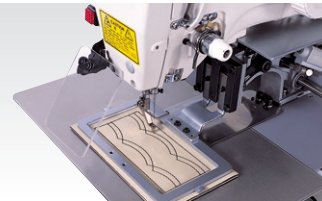
01



Wonderful sewing speed

By thorough study on every motion related to sewing, we have finally realized the marvelous sewing speed, maximum 2,500 spm.

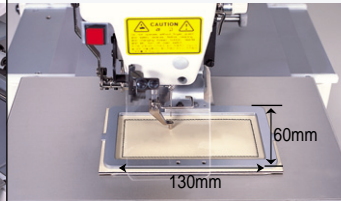
02



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.

03



Best performance

- This machine accomplished the best sewing area (130mmX60mm) for shaping, label attachment, part and complementary work.
- Productivity has been increased by adopting the large shuttle hook and double capacity bobbin, so you don't need to change bobbin for thick material.
- Realizing the maximum capacity. The maximum input number of stitch for every pattern is up to 20,000 and also performs all kinds of pattern composed of multi-needle stitches.
- Great number of design can be made because it has a built-in FDD which is able to contain max. 360,000 stitches and 691 patterns in every 2HD floppy disk.

04



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.
- 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.
- 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.

05



Operation panel

1. 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 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.
- Since operation panel is movable, it's very comfortable for operator to make a design.

2. 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.

3. 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.

FEED PLATE TYPE



SPS/A(B)-1306/1507HS-10

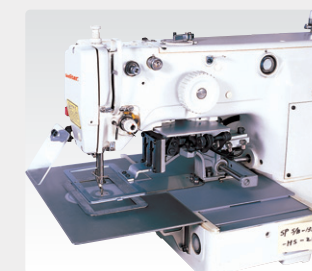
Magnet-driven feed plate



SPS/A(B)-1306/1507HS-20

Pneumatic monolithic feed plate

- Since feed plate ascends up to the maximum 30mm and Presser foot, max. 20mm, every kinds of material can be set up easily.



SPS/A(B)-1306/1507HS-21

Pneumatic monolithic feed plate with two step stroke device

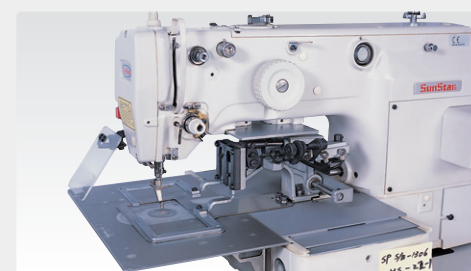
- This model is very convenient for precise position setting because of double step movement for feed plate setting.
- You can adjust the middle stop position just by dial type nut operation.



SPS/A(B)-1306/1507HS-22

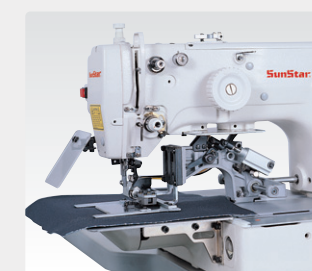
Pneumatic separately-driven feed plate

- This machine is very good for doing a pattern work on the material which has two different height area because the frame is divided to two and works separately. You can adjust the left and right feed plate respectively to its proper height.



SPS/B-1306HS-22-1

Pneumatic separately-driven feed plate with two step stroke device



SPS/A(B)-1306HS-23

Pneumatic separately-driven feed plate with inverting clamp device

- This model is fit perfectly for attaching small materials like label, belt-claw, emblem, etc on the clothes.