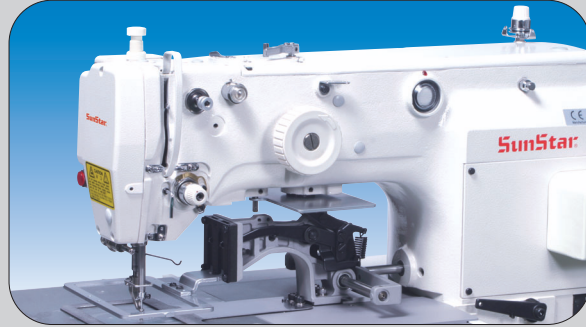


SPS/B(A)-1306/1507HS-10



- Pneumatic mono-lithic feed plate

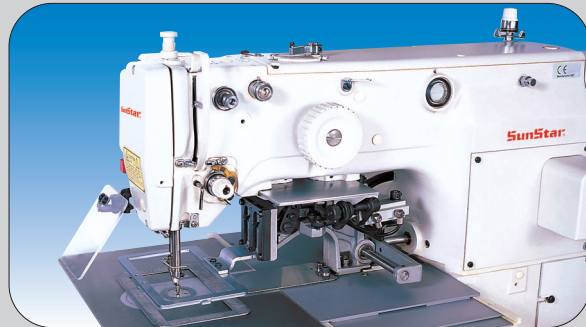
SPS/B(A)-1306/1507/1310HS-20



- Magnet-driven 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.

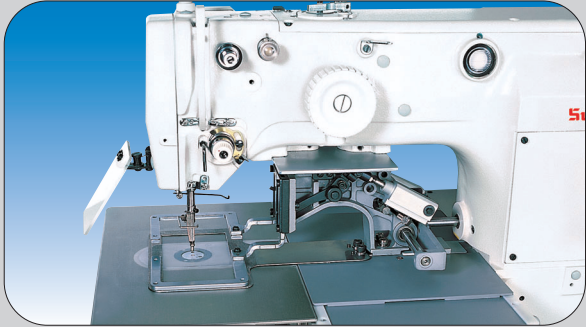
SPS/B(A)-1306/1507HS-21



- Pneumatic mon-lithic feed plate with two step stroke device

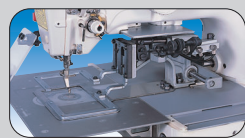
• This model is very convenient for precise position setting because of double step movement for feed plate setting.
• You can adjust the middle stop position just by dial type nut operation.

SPS/B(A)-1306/1507/1310HS-22



- Pneumatic separately-driven feed plate

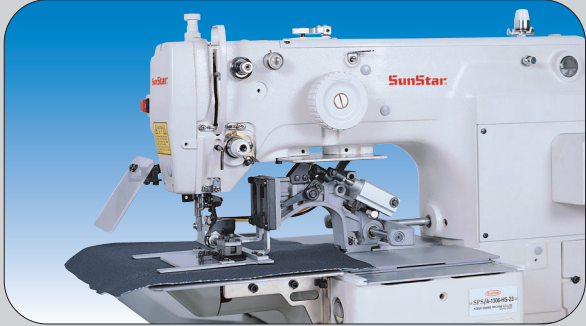
• This machine is very good for doing a pattern work on the material which has two different height area because the frame is divided to two and works separately. You can adjust the left and right feed plate respectively to its proper height.



SPS/B-1306HS-22-1

- Pneumatic separately-driven feeding frame with two step stroke device

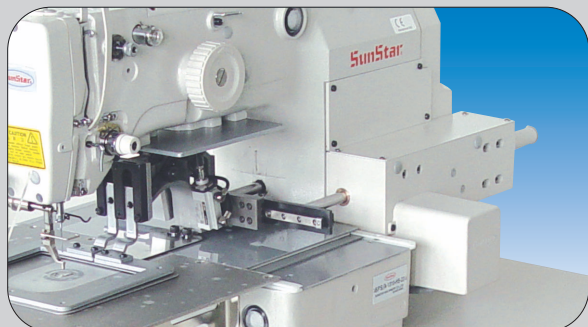
SPS/B(A)-1306HS-23



- Pneumatic separately-driven feeding frame with inverting clamp device

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

SPS/B(A)-1310

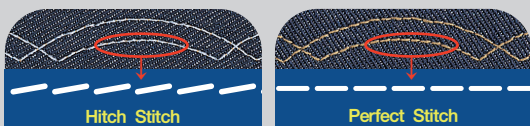


- Expansion of sewing Scope (130 x 100)

• Install the Y-axis moving part outside. It will the Y-axis sewing scope expansion, the Y-axis moving part assembly and maintenance activities much easier.

SPS/B(A)-1306/1507G(H)P

• This machine makes perfect stitches by reducing hitch stitch (Biased stitch made by twisting the up and low thread) which is made by general pattern sewing machine, so you can get the best quality on the curved design and label work.



SPS/ B(A)-1306, SPS/ B(A)-1507 SPS/ B(A)-1310

Code	Sewing Area
1306	130 x 60
1507	150 x 70
1310	130 x 100

SPS / B(A) - 1306

Sunstar Pattern System

Series	
B	Direct Drive Type
A	Belt Drive Type

Code	Feeding Frame Type
10	Magnet-driven feed plate
20	Pneumatic mono-lithic feed plate
21	Pneumatic mon-lithic feed plate with two step stroke device
22	Pneumatic separately-driven feed plate (22-1 : Pneumatic separately-driven feeding frame with two step stroke device)
23	Pneumatic separately-driven feeding frame with inverting clamp device

Code	Application
G	For general materials
H	For heavy materials

Code	Application
S	Standard stitch
P	Perfect stitch(except SPS/B(A)-1310)

Specifications

Model	SPS/B(A)-1306	SPS/B(A)-1507	SPS/B(A)-1310
Sewing Area(X, Y)	130 x 60 mm	150 x 70 mm	130 x 100 mm
Sewing Speed	Max. 2,500spm(Stitch Length 3mm and Less)		
Stitch Length	0.1~12.7mm		
Needle Bar Stroke	41.2mm		
Needle	DP x 17 #18(For Heavy Materials), DP x 5 #14(For General Materials)		
Hook	Large Shuttle Hook		
Height of Feeding Plate	Max. 25mm(Pneumatic Specification : Max. 30mm)		
Height of Presser Foot	Max. 20mm		
Presser Foot Stroke	4mm(0-7mm)		
Trimming Device	Provided		
Wiper	Provided(Automatic Wiper)		
Emergency Switch	Provided		
Memory	3.5" FDD(2HD)		
No. of Patterns	Max. 691 Patterns		
No. of Stitches	Max. 360,000 Stitches		
Enlarging/Reducing	1~400%(1% Step)		
Main Motor	SPS/B-Series : 500W Direct Drive AC Servo Motor, SPS/A - Series : 550W AC Servo Motor		
Feeding System	Feeding by Stepping Pulse Motor		
Power	1-Phase 100V~240V, 3-Phases 200V~440V, 50/60Hz		
Pneumatic	Pneumatic Specification : 0.49Mpa(5Kg/cm ²)		

Major Application

Attaching Labels, Emblems, Hook & Snap, Buttons, Loops, Pocket, Bar-Tacking, Basting, Seaming

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



SUNSTAR MACHINERY CO., LTD.

TRADE OFFICE	
#178-212, GAJWA - DONG, SEO - KU, INCHEON, KOREA	
TEL : (82 - 32) 580 - 5740 ~ 60	FAX : (82 - 32) 584 - 3025 ~ 6
WEB - SITE	
http : // www.sunstar.co.kr	
E-MAIL	
sunstar@sunstar.co.kr fortuna@sunstar.co.kr	

OVERSEAS NETWORK	
SUNSTAR MACHINERY (SHANGHAI) CO.,LTD.	
TEL : 86 21 6957 6311	FAX : 86 21 6957 6312
SUNSTAR MACHINERY (SHANGHAI) CO.,LTD. SHANGHAI BRANCH	
TEL : 86 21 6353 2233	FAX : 86 21 6353 8640
SUNSTAR QINGDAO BRANCH	
TEL : 86 532 482 2236	FAX : 86 532 481 1262
SUNSTAR NANJING BRANCH	
TEL : 86 25 464 7389	FAX : 86 25 464 7389
SUNSTAR HANGZHOU BRANCH	
TEL : 86 571 8704 4709	FAX : 86 571 8601 6046
SUNSTAR TIANJIN BRANCH	
TEL : 86 22 2445 8882	FAX : 86 22 2445

OVERSEAS NETWORK	
2400SUNSTAR HONGKONG LTD.	
TEL : 852 2729 7076	FAX : 852 2729 7573
SUNSTAR GUANGDONG BRANCH	
TEL : 86 769 249 1610	FAX : 86 769 234 4042
SUNSTAR FUJIAN BRANCH	
TEL : 86 595 8859 8871	FAX : 86 595 8859 8872
SUNSTAR U.S.A INC.	
TEL : 1 305 591 9596	FAX : 1 305 591 0661
SUNSTAR HOCHIMINH BRANCH OFFICE	
TEL : 84 8 592 3703 (883 3596)	FAX : 84 8 592 3704
SUNSTAR HANOI BRANCH OFFICE	
TEL : 84 4 783 1446	FAX : 84 4 783 1447
SUNSTAR JAKARTA BRANCH OFFICE	
TEL : 62 21 4586 5839	FAX : 62 21 4586 5840
SUNSTAR MACHINERY(SINGAPORE)	
TEL : 008 65 6341 5015	FAX : 008 65 6341 5016
SUNSTAR SAO PAULO OFFICE	
TEL : 55 11 3362 3434, 3337 2194	FAX : 55 11 3362 3444

SUNSTAR MACHINERY EUROPE G.M.B.H
TEL : 43 2236 660 229
SUNSTAR NEW DELHI OFFICE
TEL : 91 124 280 3006
SUNSTAR BANGALORE OFFICE
TEL : 91 80 5126 3677
SUNSTAR CHENNAI OFFICE
TEL : 91 44 5232 1189
SUNSTAR MACHINERY (THAILAND) CO., LTD.
TEL : 66 2 683 0088
FAX : 43 2236 660 2293
FAX : 91 124 280 3007
FAX : 91 80 5126 3126
FAX : 91 44 5232 1189
FAX : 66 2 683 0089

AGENT:

September 2006 Printed in Korea



Electronically Controlled Pattern Sewing Machine

SPS/B(A)-1306 Series

(130mm x 60mm)

SPS/B(A)-1507 Series

(150mm x 70mm)

SPS/B(A)-1310 Series

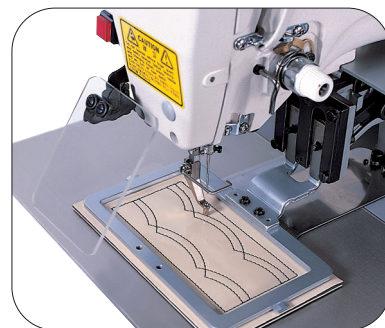
(130mm x 100mm)



SunStar®

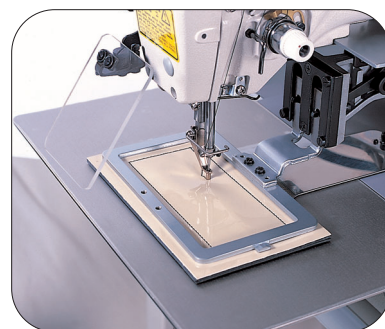
SPS/B(A)-1306 Series

SunStar SPS/B(A) - 1306 series has finally come to the market which will lead automatic sewing machine industry in the 21st century on the basis of best reliance



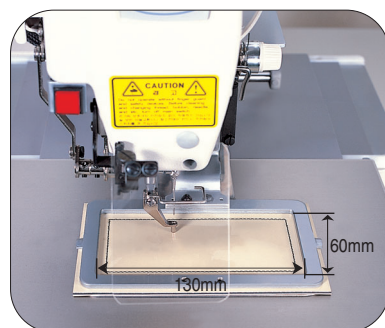
Stable and incredible sewing mechanism

- 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.



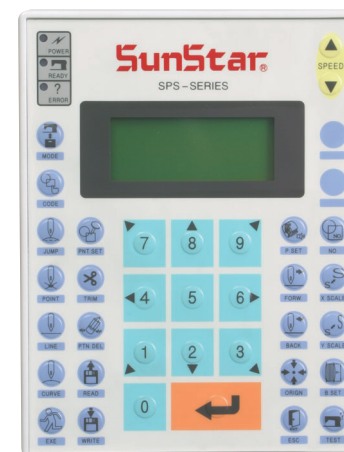
Wonderful sewing speed

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



Best performance

- This machine accomplished the best sewing area (130mm × 60mm) 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.
- A 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.



>> 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.

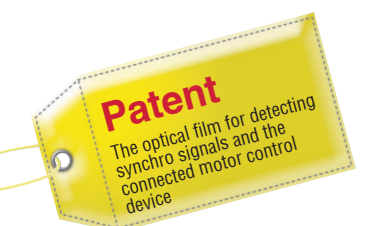
Excellent Applicability

- 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 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.

>> 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.