

SPS/B(A)-2516HS-20

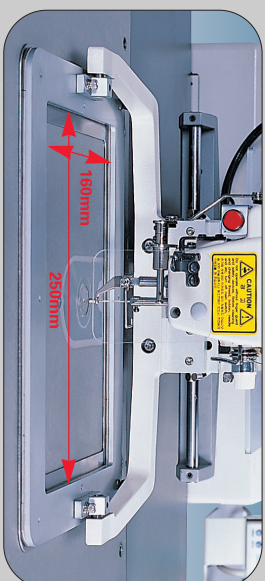
- Mono-lithic feeding frame with a pneumatic air slide table

Due to the conformity of sewing materials feeding table and machine table, users can perform auxiliary work of next sewing materials while the sewing machine is operating. Therefore its productivity is remarkably improved.



- Mono-lithic feeding frame with a pneumatic air slide table

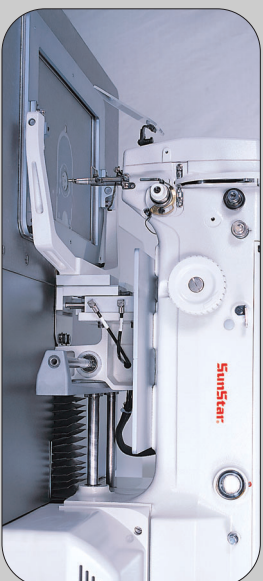
The feeding frame mechanism ascended up to 30mm is composed simply and efficiently to facilitate setting of sewing materials.



- Mono-lithic feeding frame with a pneumatic air slide table

Best Workability

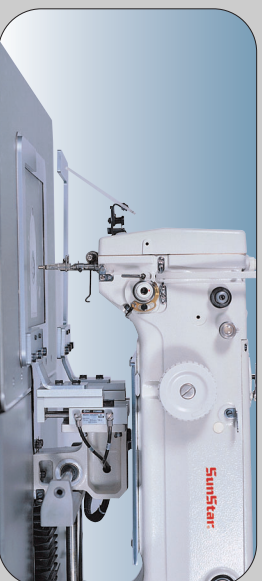
Providing the optimum sewing area diversely available for the sewing area of small parts including the pattern sewing area of jeans pocket based on the sewing area of X-250mm and Y-160mm



-Mono-lithic feeding frame with a pneumatic air slide table

Stable and Accurate Sewing

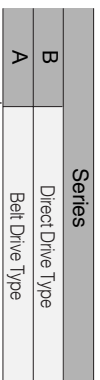
- By applying special seam mechanism on the parts like shuttle hook, the sewing area is enlarged and stable stitches are accomplished.
- By Excellent X-Y motion control system, you can get a smooth and accurate sewing results and a good quality for such sections like bias or spline.



SPS/B(A)-2516HS-22

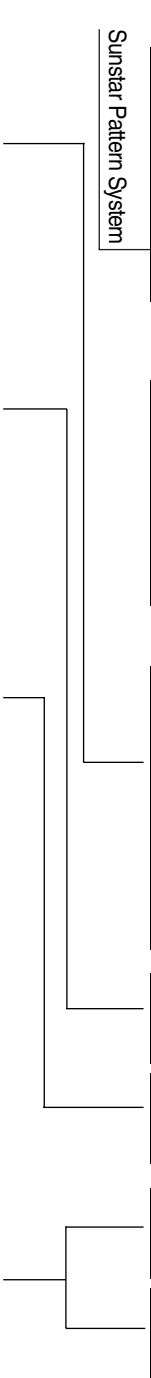
- Separately-Driven feeding frame with a pneumatic air slide table

Feeding frame is separated right and left. The ascending amount and speed of right and left frames can be adjusted. Hence setting of sewing materials with different sides are excellent.



SPS/B-2516
SPS/A-2516

$$\frac{\text{SPS}}{\text{B(A)}} - 2516$$



		Feeding Frame Type	
	Code	Application	Code
Sewing Area			
X	250mm	General materials	20
Y	160mm	Heavy materials	22

Specification

Model	SPS/8(A)-2516H <input type="checkbox"/>	SPS/8(A)-2516G <input type="checkbox"/>
Application	Heavy Materials	General Materials
Sewing Area	250mm × 160mm	
Sewing Speed	Max. 2,000spm(Stitch Length 3mm and less)	
Stitch Length	0.1~12.7mm	
Needle	DP × 17 #18	DP × 5 #14
Hook	Large Shuttle Hook	
Height of Feeding Plate	Max. 30mm	
Height of Presser Foot	Max. 20mm	
Presser Foot Stroke	4mm (0~7mm)	
Trimming Device	Provided	
Wiper	Provided (Electronic Wiper)	
Emergency Switch	Provided	
Memory Device	3.5" FDD(2HD)	
No. of Patterns	Max. 691 Patterns	
No. of Stitches	Max. 360,000 Stitches	
Enlarging / Reducing	1~400% (0.1% 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 100~240V, 3-Phases 200~440V, 50/60Hz	
Pneumatic	0.49Mpa(5kgf / cm ²)	

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



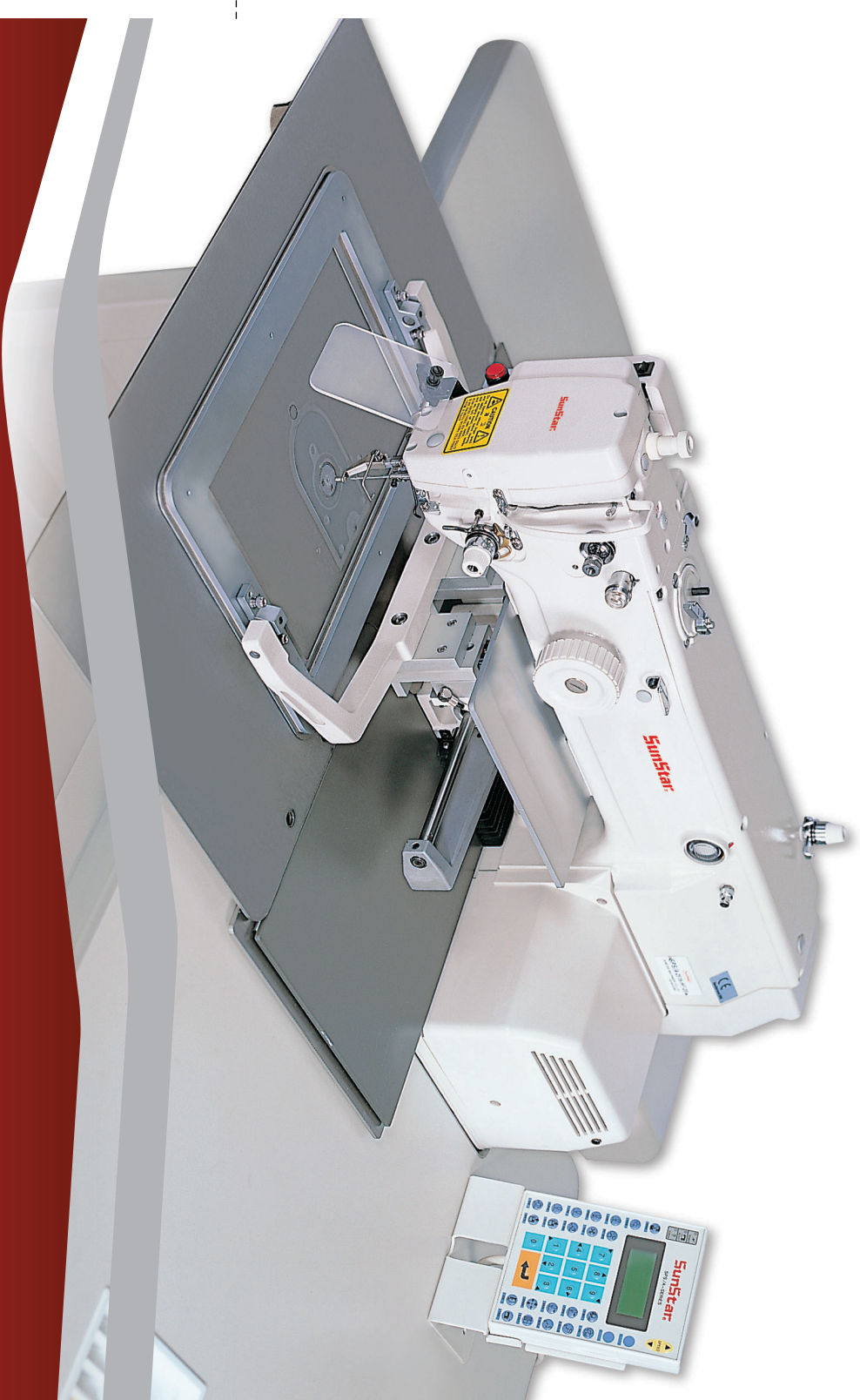
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AGENT



Electronically Controlled Pattern Sewing Machine
(for Middle Sized Sewing Goods) 250 × 160mm

SPS/B(A)-2516 Series



SPS/B(A)-2516 Series

SunStar SPS/B(A)-2516 Series has finally come to the market which will lead automatic sewing machine industry in the 21st century on the basic of best reliance



I Fast Sewing

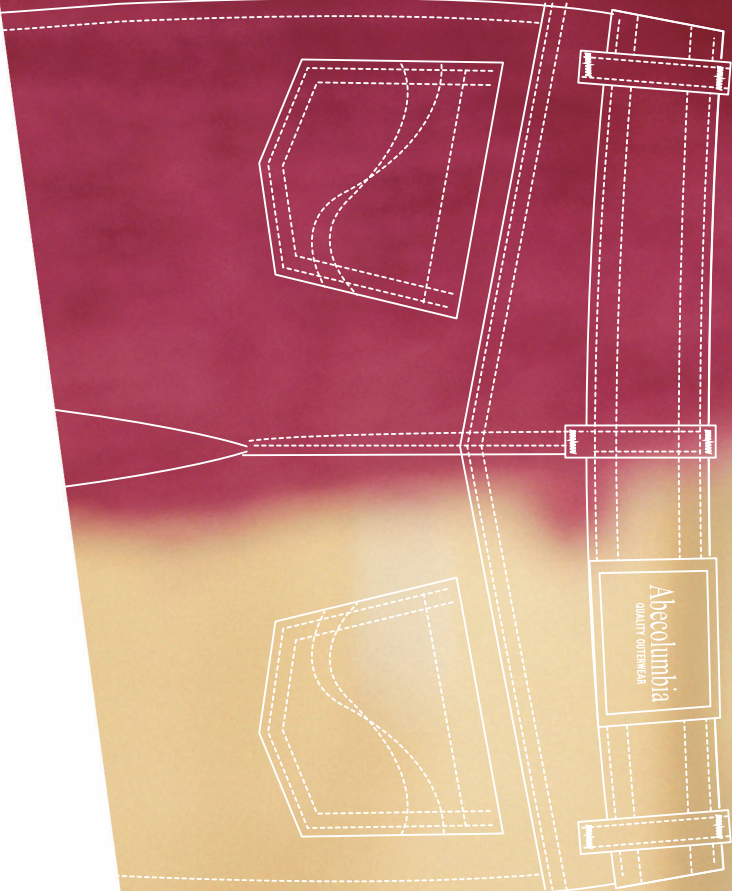
Heavy materials as well as thick materials are exactly sewed with high-speed sewing of 2,000spm under the stitch length of 3mm or less and the precise X-Y feeding system fed by 0.1mm per pulse.

II Production Elevation

Due to equipping a double shuttle hook and bobbin, you don't need to frequently replace a bobbin upon use of heavy materials, therefore it's productivity is improved.

III Realization of Maximum Capacity

The maximum input stitch for every pattern is 20,000 and you can do any kind of pattern work composed of so many stitches. Since this machine has built-in FDD and use ZHD floppy disk which can save maximum 360,000 stitches and 691 patterns, it will be very convenient for you.



>> Direct drive system makes the installation job much easier and offers safe working environment



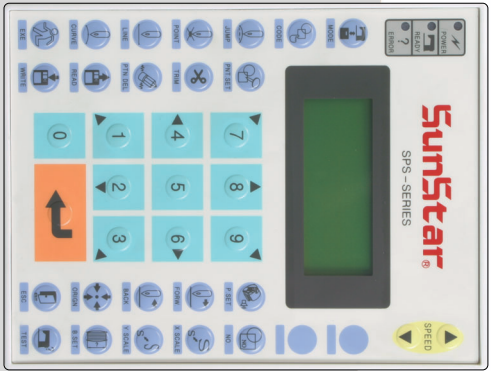
- Direct Drive System, newly developed by SunStar, means the motor is attached to the machine head directly. As the system connects the AC Servo motor to the upper shaft using the coupling, the machine provides improved responsiveness and upgraded stopping accuracy so it is optimum for high quality sewing.
- 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.



>> Operation Panel

Easy and Simple Operation

- Since Operation Panel is movable, it's very comfortable for operator to make a design.
- 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 comfortable owing to the dialogue type Operation Panel.
- You can save data input time by using shortcut button for frequently using function.



Excellent Extension

- 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 procedure for 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.
- You can do jobs like transferring, copying, removal and symmetrizing just by easy operation.
- You can change the sewing and jumping speed even though machine is operating.
- You can select any kind of design and input data just by selecting function code.