



## FEATURES

01



### SPS/B(A)-☐ HS-21

- Pneumatic mono-lithic feeding frame with two step stroke device By having double stroke between the up most and the down most position of Upper Feed Plate, instantaneous and stable fixing can be done efficiently. Also, the suspended position on the path of Upper Feed Plate can be changed just by simple nut adjusting very easily.

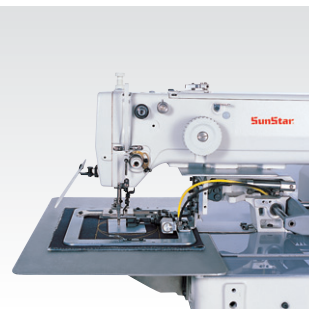
02



### SPS/B(A)-☐ HS-22

- Pneumatic left / right separately-driven feed frame This Model is very convenient if you want to do a pattern work specially on the material which has different thickness. Because this machine applied two independently moving Feed Plate, you can adjust the clearance and speed of Feed Plate respectively.

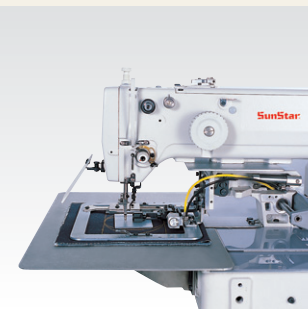
03



### Stable and Accurate Sewing

- By applying special seam mechanism on the parts like shuttle hook, the sewing area is enlarged and stable stitches is 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.

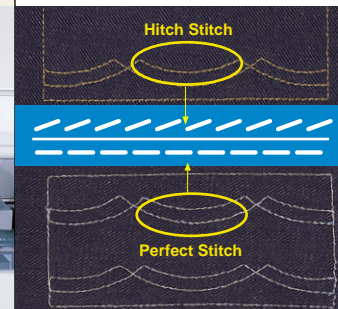
04



### SPS/B(A)-☐ HS-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.

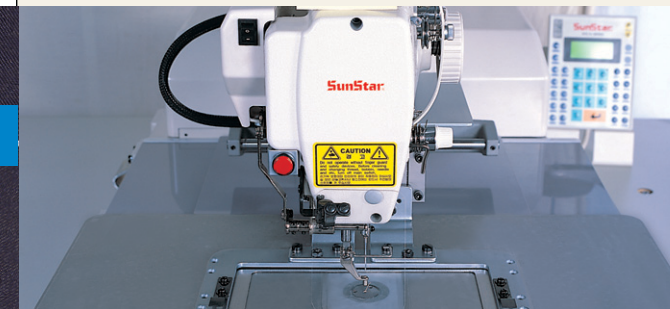
05



### Perfect stitch

- Pneumatic mono-lithic feeding frame By reducing Hitch stitches(Biased stitch when the upper and lower thread are tied up) which is made at the general pattern work, you can see more improved results on the curved design and the label making.

06



### Best Performance

- UThis model adopts a big sized feed frame which is good for making a design like stick and pocket.
- Productivity can be increased by adopting large shuttle hook and double capacity bobbin. Therefore, you don't need to change bobbin.
- Realization of maximum capacity
- The maximum input stitch for every pattern is 20,000 and you can do any kinds of pattern work composed of multi-needle stitches.
- Since this machine has built-in FDD and use 2HD floppy disk which can save maximum 360,000 stitches and 691 patterns, it will be very convenient for you.

#### >> Powerful Sewing Speed

- By through study on the every mechanism related to sewing, we have finally realized marvelous sewing speed, 2000spm.

## SunStar SPS/B(A)-1811 Series has finally come to the market which will lead automatic sewing machine industry in the 21st century on the basic of best reliance

### >> 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.



### >> 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.

