



SPS/B-BH3000



SPS / B - BH3000



Sunstar Pattern System	Series	
	B	Direct Drive Type

Model Name	
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Code	Usage
G	General Materials
K	Knitted Materials

Specification

Model		SPS/B-BH3000G	SPS/B-BH3000K
Application		General materials (blouses, Y-shirts, work clothes and ladies)	Knitted materials (sweaters, cardigans, jerseys and underwear)
Sewing Speed		Max. 4,000spm	
Button Hole	Width	Max. 6mm	
Sewing Area	Length	Max. 40mm	
Cutter Length		6.4~31.8mm	
Needle		DPx5#14	DPx5#11
Hook		DP Hook(Full-Rotary Hook)	
Height of Presser Foot		Max. 13mm	
Safety Device		Emergency Stop Function	
Memory		EP -ROM	
No. of Patterns		Max. 99 Patterns (Standard 4 Patterns)	
No. of Stitches		768 Stitches / Pattern	
Main Motor		500W Direct Drive AC Servo Motor	
Feeding System		Feeding by Stepping Pulse Motor	
Power		1-Phase 100V~240V, 3-Phases 200V~440V, 50/60Hz	
Lubrication		Automatic Lubrication	

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



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AGENT:

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Direct Drive, Electronically Controlled
Lock Stitch Button Hole Sewing Machine

SPS/B-BH 3000 Series



SunStar®

SPS/B-BH3000 Series

SPS/B-BH3000 made by SunStar high technology!
Realize more improved and developed automatic sewing system.

The Best Reliable Button Hole Mechanism!

- Active electronic control Algorithm
- Various Patterns & Easy operation
- Improved Working Environment
- Reduce expenses to the minimum of maintenance



>> Excellent Quality and High Productivity

- The maximum sewing speed of 4,000 spm increases the productivity. And high quality can be achieved at the same time by the efficient motions developed by comprehensive and thorough researches/analysis to handle various shapes of button holes.
- Well-balanced seams can be achieved by using the standard machine capable of making button holes on knit materials with stability and speed.
- The speedy and precise operation of cutters employing a smart solenoid helps make up perfect button holes and increase productivity.
- Since the machines form a variety of button holes using an electronically controlled mechanism that does not need the replacement of clutches or cams, they are excellent at small-quantity production of multiple products and thus ensure high productivity.

>> Stable and Elegant Sewing

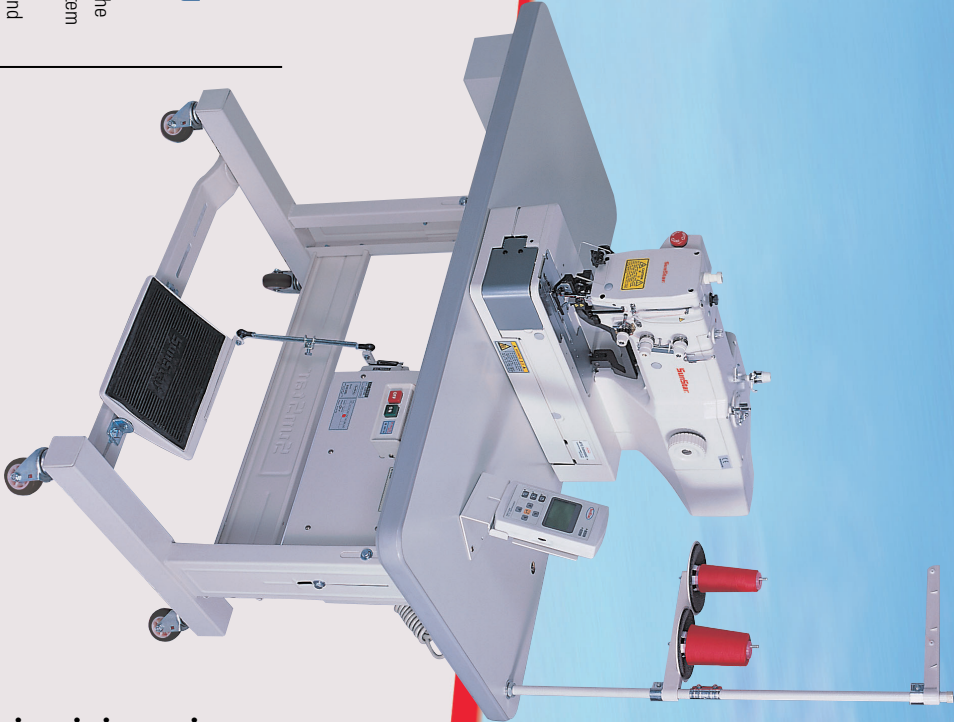
- Taking full advantage of the control technologies of SUNSTAR, the smooth and precise control system is capable of moving the needle in zigzag and in the shape of V so as to form stable and beautiful button holes.
- Those sewing conditions such as punt and whip stitches can be easily met by the thread tension adjustable through a simple manipulation of the operation panel, and excellent sewing conditions can be also achieved by the adjustability of the thread tension of both Bartack and zigzagged parts.
- More stable button holes can be obtained through double sewing techniques, which are available by a simple manipulation of the operation panel.

>> Quiet Environment and Easy Maintenance

- Mechanical noise is minimized by breaking with the conventional method that employs mechanical crutches and cam replacement.

>> 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.

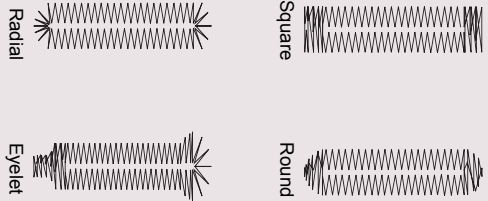


>> Operation Panel

- The graphic LCD display enables the operator to easily identify the types of button holes and program data as well as the settings of the machine. It also makes the convenient operation by providing information on sewing conditions including errors such as the thread snaps.
- Various shapes of button holes can be made up through the easy and simple operation of the keys.
- The operation panel is designed to be easily relocated and hand-held to serve the convenience of the operator.
- Command keys for those frequently used functions such as the up and down of the presser foot and cutter operation are iconized for easier operation.



■ Standard Pattern



■ Combination Pattern

