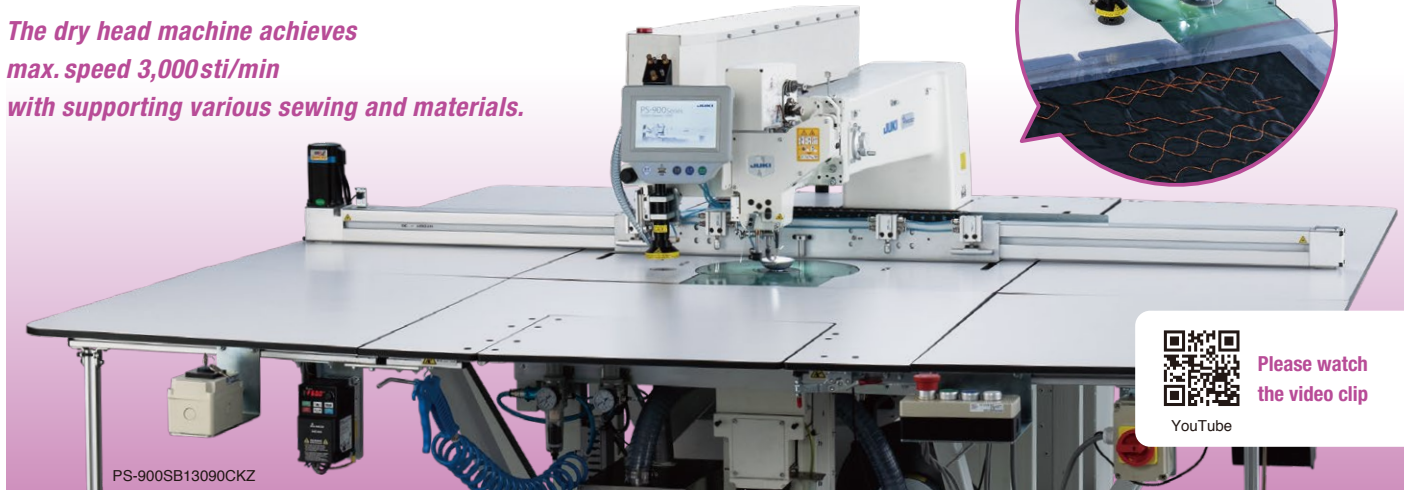


## PS-900

Needle Bar Rotation 360° Pattern Seamer **Sewing area 1,300mm(X) × 900mm(Y)**

*Your Ingenuity creates opportunities for Automation*

*The dry head machine achieves max. speed 3,000sti/min with supporting various sewing and materials.*



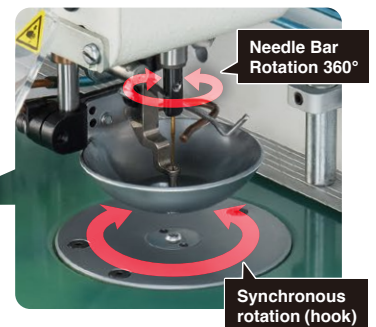
Please watch the video clip

YouTube

PS-900SB13090CKZ

### The needle-bar turning mechanism helps achieve high-quality seams uniformly in every sewing direction

JUKI's unique synchronization technology controls the needle bar, hook and feed mechanism, thereby creating the most favorable seams. In case of continuous circumference sewing, the sewing machine constantly detects the direction of sewing. As a result, consistent-quality seams are produced regardless of the direction of sewing.



### Active tension for needle bar rotation 360°

Market-prov active tension has been introduced to the needle thread tension controller. With the active tension, pinpoint changes in the needle thread tension during sewing are enabled. The needle thread tension, therefore, can be set in conjunction with the material thickness and can be corrected according to the direction of sewing on a stitch-by-stitch basis through the operation panel.

World's first



Active tension

### Cloth trimmer specifications

A laser cutter is available for the cloth trimmer specification. This laser cutter is suitable for soft materials such as knit fabrics.



laser cutter



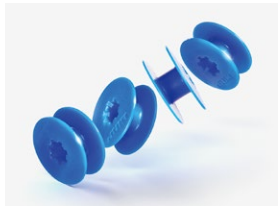
### Patterns are identified by means of RFID/Barcode reader to enable automatic reading of sewing data

Sewing patterns are automatically identified by means of RFID/Barcode reader to automatically call up the relevant sewing program, thereby starting sewing quickly.

## The bobbin adopts a plastic bobbin

Since the plastic bobbin is lighter than aluminum and iron, the thread tension is stable at a high level.

- **Plastic bobbin (10 pieces)**  
Parts No. 40244784



## Intelligent Medium-Presser Foot

It is possible to change the intermediate presser height at its lower dead point steplessly during sewing. This feature is particularly effective when sewing multi-layered portions of material. Since the material is stably held by the intermediate presser, sewing troubles such as stitch skipping and thread breakage are prevented.

## Operation panel

The sewing pattern data format are supports DXF, AI, PLT, and DST. Sewing pattern data in these formats are widely used in many sewing plants. As a result, the operation panel is able to use the customers' existing sewing pattern data immediately. As many as 999 sewing patterns can be saved on the large-capacity memory of the operation panel. (Editing software is included with the accessory.)



## Optional device

Option	Parts No.	Features	Remarks
Plastic bobbin (10 pieces)	40244784	Since the plastic bobbin is lighter than aluminum and iron, the thread tension is stable at a high level.	Standard equipment is 1 piece
BK-10 Bobbin changer device (Eight bobbins can be loaded)	40270689	Provided that a spare bobbin case which is loaded with a bobbin fully wound with thread is set before starting sewing, automatic replacement of bobbin cases is enabled to spare the operator the trouble of changing bobbin cases by hand, thereby increasing production efficiency.	
Pen stick asm.	40270708	This is the device for writing a sewing reference mark on the material fabric with the pen by means of the XY feed mechanism.	
Pen stick asm. (for China)	40270707		
DP needle bar	40266167	It is a needle bar when using a DP needle for heavy weight materials specifications (H).	
Thick Material kit	40270717	This is the gauge parts set for sewing heavy weight materials. (Needle, needle plate, medium-presser foot, boat presser, thread trimmer fixed-knife)	
Barcode reader unit	40270709	Sewing pattern that matches the template can be called up when the barcode on the template is read by the barcode reader.	

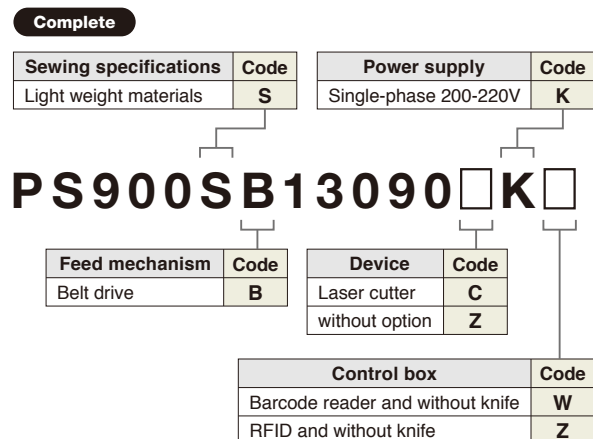
## SPECIFICATIONS

Model name	PS-900SB13090CKZ	PS-900SB13090ZKZ
	PS-900SB13090CKW	PS-900SB13090ZKW
Sewing area	1,300 mm × 900 mm	
Max. sewing speed	3,000 sti/min*	
Lubrication	Semi-dry	
Feeding type	Belt Drive	
Stitch length	0.5 - 12.7 mm	
Hook	Full-rotary double-capacity hook	
Cutter equipment	Laser	-
Lift / Stroke of intermediate presser	Lifting amount: 20 mm / Stroke: Standard 4 mm	
Variable lower position of the intermediate presser	0 - 9 mm	
Needle	DB × 1 #8 (7#~14#)	
Template recogniser	RFID: 13090CKZ Barcode: 13090CKW	RFID: 13090ZKZ Barcode: 13090ZKW
Storage of pattern data in the memory	Max. 999 patterns (5,000,000 sti/pattern)	
Number of indentifiable patterns	999 patterns	
Program input mode	USB	
Weight	649 kg	575 kg
Dimensions	2,100mm (W) × 2,325mm (L) × 1,240mm (H)	

\*sti/min is the abbreviation for "stitches per minute"

## WHEN YOU PLACE ORDERS

Please note when placing orders, that the model name should be written as follows:



### JUKI ECO PRODUCTS

The PS-900 is an eco-friendly product which complies with JUKI ECO PRODUCTS standards for protecting the environment.



- The sewing machine complies with the "Juki Group Green Procurement Guidelines" on the use of hazardous substances, which is stricter than other restrictions, such as those of the RoHS Directive.

For details of JUKI ECO PRODUCTS, refer to: <https://www.juki.co.jp/en/company/eco>

\*The RoHS Directive is an EU Directive limiting the use of 6 hazardous substances (lead, hexavalent chromium, mercury, cadmium, PBB and PBDE) in electrical and electronic equipment. The Juki Green Procurement Guideline is the voluntarily established criteria to eliminate not only the aforementioned six substances, but also other ones which adversely affect the environment.



MS  
CM001



EMS  
ISO14001  
JSAE389

Registered Organization: JUKI CORPORATION Head Office  
The Scope of the Registration: The activities of research, development, design, sales, distribution, and maintenance services of industrial sewing machines, household sewing machines and industrial robots, etc., including sales and maintenance services of data entry systems.



## JUKI CORPORATION SEWING MACHINERY & SYSTEMS BUSINESS UNIT

2-11-1, TSURUMAKI, TAMA-SHI, TOKYO 206-8551, JAPAN PHONE: (81) 42-357-2370 FAX: (81) 42-357-2274 <https://www.juki.co.jp/en>

• Specifications and appearance are subject to change without prior notice for improvement. • Read the instruction manual before putting the machine into service to ensure safety.

• This catalogue prints with environment-friendly soyink on recycle paper. • Paper from responsible sources FSC™ C001712

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