

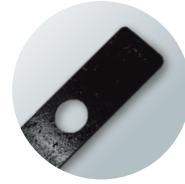
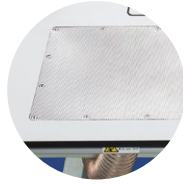
Optional Parts

PS-800 Series

# Optional products catalog

# JUKI

JUKI Smart Solutions



Proposal of optional items exclusively for PS-800 to further improve productivity and sewing quality



Target Models

PS-800-13085  
PS-800-12080  
PS-800-8045

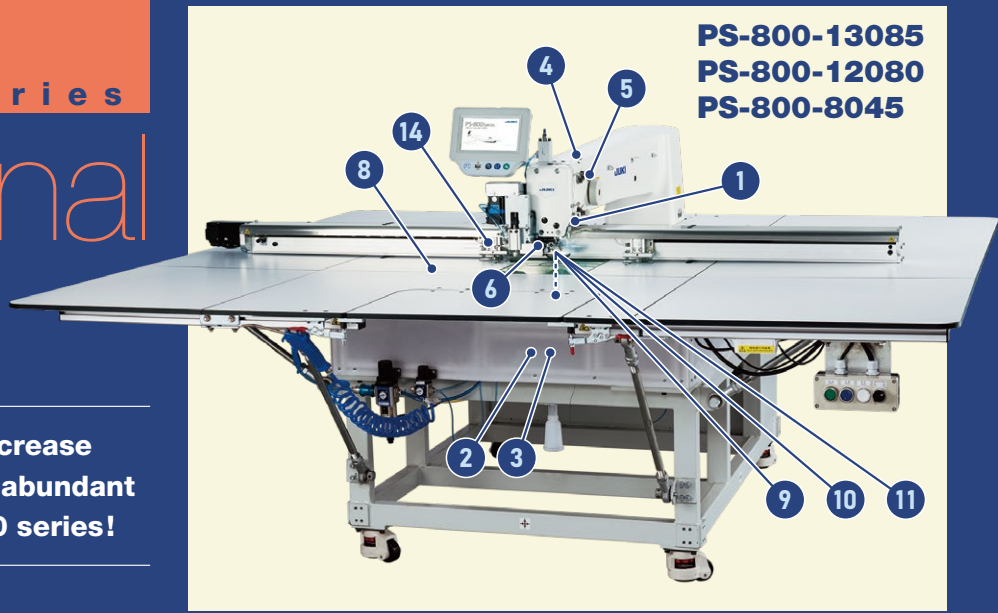
PS-800-3830  
PS-800-2850

PS-800 Series

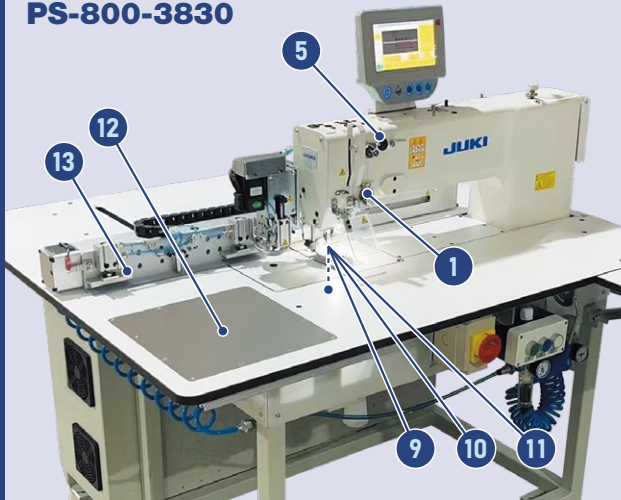
# Optional Parts

Reduce waste and increase productivity with the abundant options of the PS-800 series!

PS-800-13085  
PS-800-12080  
PS-800-8045



PS-800-3830



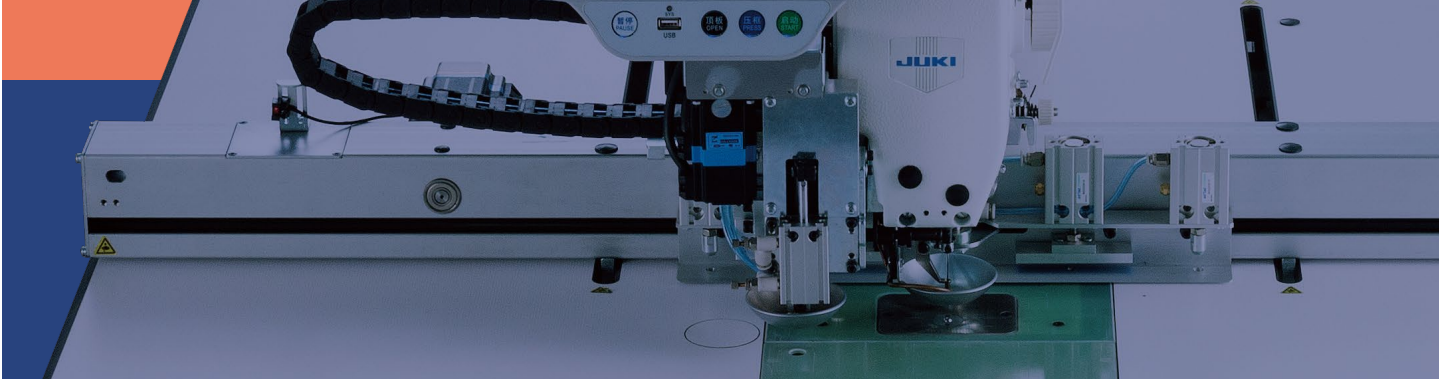
PS-800-2850



## Compatibility table for each model

Part Name	Part Number	13085				12080				8045				3830			2850
		S Spec	H Spec	Rotary knife	Laser	S Spec	H Spec	Rotary knife	Laser	S Spec	H Spec	Rotary knife	Laser	S Spec	H Spec	Rotary knife	S Spec
1 Active tension device	40228700	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	—
2 BK-8 Bobbin changer device	40228699	○	○	○	○	○	○	○	○	○	○	○	○	—	—	—	—
3 Bobbin Thread Remaining Detector	40228698	○	○	○	○	○	○	○	○	○	○	○	○	—	—	—	—
4 Bird's nest prevention device	40228695	○	○	○	○	○	○	○	○	○	○	○	○	—	—	—	—
5 Third thread tension unit	40228696	○	★	○	○	○	★	○	○	○	★	○	○	○	★	○	—
6 Pen stick asm.	40228686	○	○	○	○	○	○	○	○	○	○	○	○	—	—	—	—
7 Thick material kit	40228701	○	★	○	○	○	★	○	○	○	★	○	○	○	★	○	—
8 Template lift device	40239772	★	★	★	★	★	★	★	★	○	○	○	○	—	—	—	—
9 Plastic bobbin for 2-fold hook	Blue 40244784	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	—
	Red 40245125	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	—
	Yellow 40245137	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	—
9 Plastic bobbin for standard hook	Blue 40244783	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	○
	Red 40245124	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	○
	Yellow 40245136	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	○
10 Needle guard hook	40273423	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	—
11 Counter knife reinforcing plate for heavy weight	40269240	—	○	—	—	—	○	—	—	—	○	—	—	—	○	—	—
12 Fabric Vacuum Function	For 3830 40286900	—	—	—	—	—	—	—	—	—	—	—	—	○	—	○	—
	For 2850 40275338	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	○
13 Chucking device	40286901	—	—	—	—	—	—	—	—	—	—	—	—	○	○	○	—
14 Barcode reader	40235194	○	○	○	○	○	○	○	○	○	○	○	○	○	—	—	—

Options marked with ★ are equipped as standard.

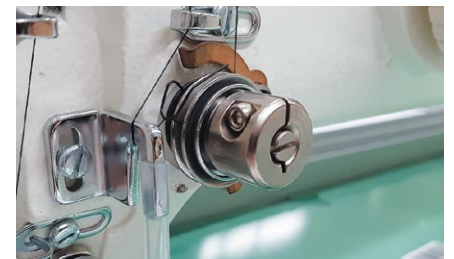
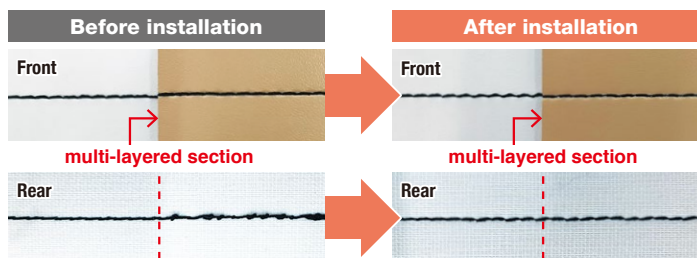


Quality improvement

## 1 Active tension device

Part Number: 40228700

The active tension device can change the needle thread tension electrically. For the needle thread tension setting linked to the thickness of the cloth and the thread tension setting that changes according to the sewing direction, it is possible to input the tension value for each stitch from the panel.



Productivity improvement

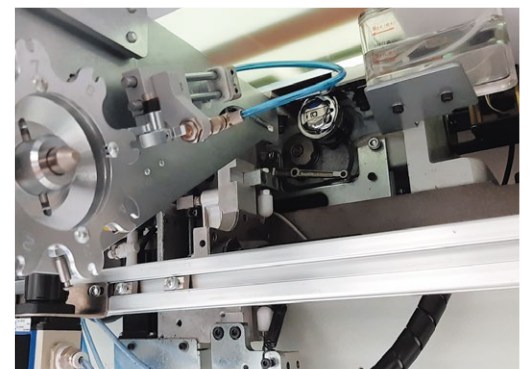
Safety improvement

## 2 BK-8 Bobbin changer device

Part Number: 40228699

The BK-8 bobbin changer device automatically changes pre-set bobbin cases, saving operators the trouble of changing bobbins and increasing the production efficiency.

- Optional parts for BK-8  
Cassette : 40207417



Quality improvement

Productivity improvement

Safety improvement

## 3 Bobbin Thread Remaining Detector

Part Number: 40228698

The bobbin thread remaining detector detects the remaining amount of bobbin thread with a sensor and you can stop the sewing machine at the specified amount before the bobbin thread runs out. Furthermore, by using it in combination with a bobbin changer, you can change the bobbin automatically. Therefore, operators can work without worrying about the remaining amount of bobbin thread.

- A special bobbin case (Part number: 40237723) is required.





Quality improvement

## 4 Bird's nest prevention device

Part Number: 40228695

The bird's nest prevention device is installed on the machine head as a retrofit option to reduce the bird's nest on the back of the material by drawing the needle thread at the beginning of sewing.



Quality improvement

## 5 Third thread tension unit

Part Number: 40228696

By turning ON/OFF the third thread tension unit, it is possible to add needle thread tension to the existing tension and change the tension in the sewing multi-layered part or the sewing direction.



Quality improvement

Productivity improvement

## 6 Pen stick asm.

Part Number: 40228686

The pen stick asm. is a device that writes the sewing standard on the sewing material with a pen using the XY feeding mechanism. It can also be used for positioning in the next process.



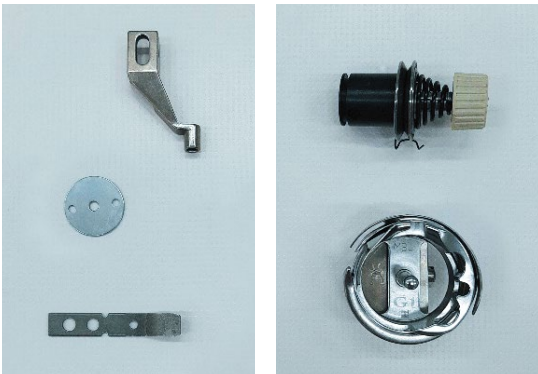


Quality improvement

## 7 Thick material kit

Part Number: 40228701

A thick material kit is a set of gauge parts for sewing thick materials. It is a set of intermediate presser D=3.5, thread tension controller (assembly) (thick), needle hole guide D=3.0, counter knife (thick), and hook (thick). Normally, this set is required when changing from an S spec sewing machine to an H spec one.



Productivity improvement

Safety improvement

## 8 Template lift device

Part Number: 40239772

The template lift device is a device that lifts and supports the template from under the table so that the template can be easily inserted into the clamp.

• For PS-800-13085 and PS-800-12080, it is standard equipment.



Quality improvement

Productivity improvement

## 9 Plastic bobbin

Part Number:

40244784 (Blue)

40245125 (Red)

40245137 (Yellow)

For 2-fold hook

(For PS-800-13085, PS-800-12080,  
PS-800-8045, PS-800-3830)

40244783 (Blue)

40245124 (Red)

40245136 (Yellow)

For standard hook

(For PS-800-2850)

Plastic bobbins are lighter than aluminum or steel, which reduces thread bending after intermittent stitching and thread trimming. In addition, the needle thread tension at the beginning of sewing is also reduced, making stitching more stable.

Furthermore, there is almost no rubbing inside the bobbin case, so it is as durable as aluminum or iron.

A total of 3 colors are available, which is useful when managing the yarn count.



Quality improvement

Productivity improvement

## 10 Needle guard hook

Part Number: 40273423

The needle guard hook can prevent stitch skipping by maintaining a constant gap between the needle and the hook blade point with the needle guard.

In addition, since the hook blade point is prevented from contacting the needle, it is expected to have the effect of extending the life of the hook blade point.

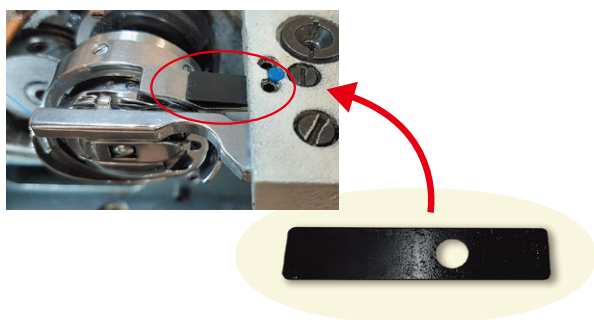


Quality improvement Productivity improvement

## 11 Counter knife reinforcing plate for heavy weight

Part Number: 40269240

The counter knife reinforcing plate for heavy weight is a component that prevents thick threads from escaping between the moving knife and the counter knife due to elastic deformation of the counter knife when cutting thick threads. By preventing the elastic deformation of the counter knife, the moving knife and the counter knife are in close contact, enabling stable cutting of thick threads.

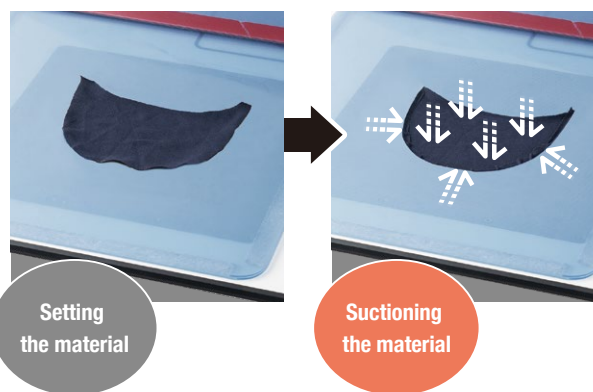


Quality improvement Productivity improvement

## 12 Fabric Vacuum Function

Part Number: 40286900 (For PS-800-3830)  
40275338 (For PS-800-2850)

The vacuum device is installed under the table, making it easy to set sewing materials. It especially helps set soft and light materials. By devising the shape of the template, the process of folding the edge of a pocket, etc. can be facilitated.

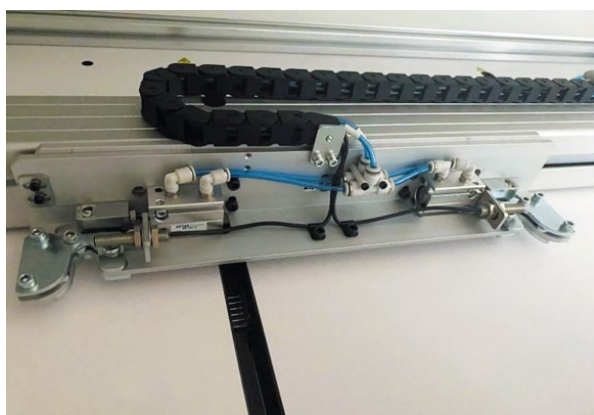


Quality improvement Productivity improvement

## 13 Chucking device

Part Number: 40286901

The template is precisely positioned and firmly fixed by the chucking device. You can prevent the template from being damaged due to template setting mistakes.



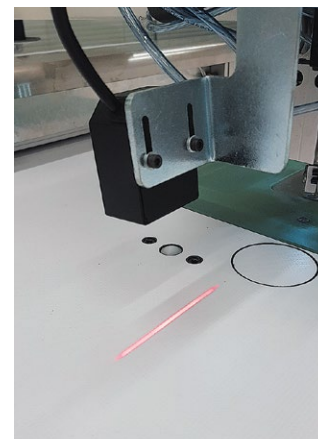
Productivity improvement Safety improvement

## 14 Barcode reader

Part Number: 40235194 (For PS-800-13085, PS-800-12080, PS-800-8045)

The barcode reader can read the barcode pasted on the specified position of the template and call the sewing data of the template. Therefore, it is possible to eliminate human error such as erroneous recall of sewing data.

- Retrofitting is required if the country is not RFID certified.



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