

## AP-874S

Jeans Pocket Setter (Semi-auto type)

### This sewing machine is a **semi-automatic type** pocket setter.

The sewing machine has been specifically designed for being capable of placing the next sewing pocket while engaging in placing the current pocket which is preliminary folded by a pocket folding machine on a garment body and sewing it.

The AP-874 is a state-of-the-art sewing machine which achieves consistent quality and higher productivity.



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# AP-874S

#### Higher productivity

It is able to place it on a garment body while the machine is still engaged in the sewing of the current pocket. The machine higher productivity can be achieved simply with one machine.

Process time

**9.9** sec./pocket\*

\* Hours of work : 8 hours Allowance rate : 30 %

Cycle time : 9.9 sec./pocket

Daily production = **2,237** pockets/operator

#### Higher productivity

The maximum sewing speed of the sewing machine is 4,000 sti/min. The sewing machine demonstrates excellent productivity, with its high-speed feed, its mechanical operation with unwasted motion, and its cycle time of approximately 9.9 sec./pocket.

#### Sewing area is broadened

The sewing area is as wide as 250 mm x 250 mm. The machine can now sew large pockets.

#### Active tension mechanism

The machine has adopted JUKI's unique active tension mechanism for its needle tension control. The active tension mechanism controls the needle thread tension according to sewing conditions such as the type of material and sewing section of the material, thereby achieving upgraded seam quality.

#### Operation panel

The machine has adopted the operation panel IP-420 with a large color liquid crystal display. Now, it is possible to input/modify sewing data on the main body of the sewing machine. In addition, the operation panel supports USB. Various USB flash devices are applicable.

#### Encoder control

The machine has adopted the stepping motor with an encoder for the X-Y feed drive. The motor drives the machine using the minimum electric power according to the material weight and stitch length, thereby contributing to reduced power consumption.

## OPTIONS

### ● Standard pocket style jig (with brank parts)

Adjustable type [Part No. 72000296 (S size)]  
[Part No. 72000389 (M size)]  
[Part No. 72000295 (L size)]

Fixed type [Part No. 72000298 (XS~S size)]  
[Part No. 72000415 (M~L size)]

### ● Brank parts set

Adjustable type [Part No. 72000299]  
Fixed type [Part No. 72000287]

### ● BARCODE READER [Part No. 40119168]

Check-out and confirmation of the pocket style jig against the sewing pattern is carried out.

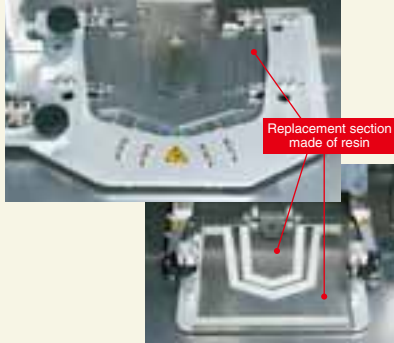
### ● MARKER [Part No. 40116756]

The marking light helps you easily position a pocket and garment body on the machine.

### ● GARMENT PUT BASE ASM. [Part No. G90118750B0]

This is the garment body rack (bar type) to be installed on the main body.

### ● Pocket setting plate (Adjustment type)



Pocket presser plate

### ● Pocket setting plate (Fixed type)



Pocket presser plate

### A pocket style jig can be made with ease.

The pocket style jig has to be made according to the size and shape of the pockets to be sewn. It is easily made by using replacement parts made of resin. A pocket style jig is ideal for wide variety in small-lot production provided with low cost and short delivery time.

## SPECIFICATIONS

Model name	AP-874	
Machine head	High-speed, 1-needle, lockstitch, zigzag stitching machine (exclusive machine head)	
Max. sewing speed	4,000 sti/min	
Sewing area	250mm x 250mm	
Stitch length, Max zigzag width	0.1mm ~ 6.0mm, 4.3mm	
Needle (at the time of delivery)	SCHMETZ 134 SERV7 (Nm130)	
Hook	Horizontal-axis full-rotary 1.7 fold-capacity hook	
Needle thread breakage detection	Provided as standard	
Stacking capacity	Max. 64 pieces of jeans bodies	
Number of patterns that can be stored in memory	Main-body memory: Max. 999 patterns	
	External media: Max. 999 patterns	
Feeding method	Stepping motor(encoder control system type), X-Y clamp drive	
Power requirement / Power consumption	Single-phase 220V-240V / 820VA, 3-phase 200V-240V / 760VA	
Compressed air and air consumption	0.5Mpa(5kg/cm <sup>2</sup> ), 10.6 dm <sup>3</sup> /min	
Total weight	558Kg	

●Dimensions (Unit: mm)

Height : 1,490 (thread stand is not included)

\*sti/min stands for Stitches per Minute.

## WHEN YOU PLACE ORDERS

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

**A P 8 7 4 S**  **S Z Z**

Type	Code	Pocket clamp style	Code	Stacker	Code	Options	Code	Power supply	Code	
Semi-auto type (without crease-folding unit)	874S	Not provided	Z	Clampbar stacker	S	Not provided	ZZ	3-phase	200~240V	D
		stationary type S	A					Single-phase	220~240V (for General Export)	K
		stationary type M-L	B						220~240V (for CE)	N
		adjustable type S	S							
		adjustable type M	M							
		adjustable type L	L							

★Pocket style jig should be separately purchased.

### JUKI ECO PRODUCTS

The AP-874 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: [http://www.juki.co.jp/eco\\_e/index.html](http://www.juki.co.jp/eco_e/index.html)

\*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 also adversely affect the environment.

● To order, please contact your nearest JUKI distributor.



### JUKI CORPORATION HEAD OFFICE

Juki Corporation operates an environmental management system to promote and conduct the following as the company engages in the research, development, design, sales, distribution, and maintenance of industrial sewing machines, household sewing machines, industrial robots, etc., and in the provision of sales and maintenance services for data entry systems:

- (1) The development of products and engineering processes that are safe to the environment
- (2) Green procurement and green purchasing
- (3) Energy conservation (reduction in carbon-dioxide emissions)
- (4) Resource saving (reduction of papers purchased, etc.)
- (5) Reduction and recycling of waste
- (6) Improvement of logistics efficiency (modal shift and improvement of packaging, packing, etc.)

# JUKI

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- \* 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.