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

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.

Sewing area is broadened
The sewing area is as wide as 250 mm × 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.

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 × 250 mm. The machine can now sew large pockets.

Active tension mechanism
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Encoder control
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### OPTIONS

#### Standard pocket style jig (with blank parts)

<table>
<thead>
<tr>
<th>Adjustable type</th>
<th>Code</th>
<th>Fixed type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No. 72000296 (S size)</td>
<td></td>
<td>Part No. 72000295 (L size)</td>
<td></td>
</tr>
<tr>
<td>Part No. 72000389 (M size)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Brank parts set

<table>
<thead>
<tr>
<th>Adjustable type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No. 72000299</td>
<td></td>
</tr>
<tr>
<td>Fixed type</td>
<td>Part No. 72000287</td>
</tr>
</tbody>
</table>

#### 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 the sewing pattern is carried out.

#### GARMENT PUT BASE ASM. [Part No. G90118750BD]

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

### SPECIFICATIONS

#### Model name

<table>
<thead>
<tr>
<th>Code</th>
<th>AP-874</th>
</tr>
</thead>
</table>

- **Machine head**
  - High-speed, 1-needle, lockstitch, zigzag stitching machine (exclusive machine head)

- **Max. sewing speed**
  - 4,000 st/min

- **Sewing area**
  - 250mm x 250mm

- **Stitch length, Max zigzag width**
  - 0.1mm ~ 6.6mm, 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: Main-body memory: 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/cm²), 10.6 dm³/min

- **Total weight**
  - 558kg

#### Options

<table>
<thead>
<tr>
<th>Code</th>
<th>ZZ</th>
</tr>
</thead>
</table>

#### Power supply

<table>
<thead>
<tr>
<th>Code</th>
<th>3-phase</th>
<th>200~240V</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>220~240V (for General Export)</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>220~240V (for CE)</td>
<td></td>
</tr>
</tbody>
</table>

### WHEN YOU PLACE ORDERS

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

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

#### Type

- **Semi-auto type** (without crease-folding unit) 8745

#### Code

- **Pocket clamp style**
  - Code
    - Z

- **Stacker**
  - Code
    - S

- **Options**
  - Code
    - ZZ

#### Code

- **Power supply**
  - Code
    - Single-phase
      - 220~240V
      - 220~240V

### 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 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.

### Specification and appearance are subject to change without prior notice for improvement.

- Read the instruction manual before putting the machine into service to ensure safety.

### Specifications and appearance are subject to change without prior notice for improvement.

- This catalogue prints with environment-friendly soyink on recycle paper.

### JUKI CORPORATION HEAD OFFICE

- Juki Corporation engages in the research, development, design, sales, distribution and maintenance of industrial sewing machines, household sewing machines, and industrial robots. Juki Corporation is also engaged in the research, development, design, sales, distribution and maintenance services for data entry systems:
  1. The development of products and engineering processes
  2. Green procurement and green purchasing
  3. Green procurement and green purchasing
  4. Resource saving (reduction of paper consumption, etc.)
  5. Reductions and recycling of waste
  6. Improvements in productivity and quality (reduction of maintenance times, etc.)
  7. Improvement of packaging, packing, etc.

- 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.

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