Semi-Dry Direct-drive, Cylinder-bed, 1-needle, Unison-feed, Lockstitch Machine with Vertical-axis Hook (Semi-long type)

LS-2342
LS-2342-7 (Automatic thread trimmer)

High and semi-long arm has been adopted. The long distance from the machine arm to the needle contributes to improved workability.

The machine is suited to furniture and bags, provided with dramatically improved workability and functions required for sewing large products and extra heavy-weight materials.

The LS-2342 offers a consistent stitching pitch and outstanding ability to sew sharp curves.

- Excellent for the sewing of sharp curves.
  The slimmed-down throat plate easily responds to the sewing of small tubular articles with diameters as small as 40mm. This enhances the machine’s ability to smoothly sew not only bags and furniture, but also small articles such as wallets.
- Gauge for small articles are provided as standard.
  The throat plate and feed dog are provided with a gauge that offers an excellent capability for the sewing of sharp curves. These gauges are especially useful for the sewing of curves of bags and leather cases.

Thread tightness can be kept same, even the multi-level of material.

- Double tension provided as : standard
  A dual-tension is provided as standard responding to the sewing with thick thread under a higher tension.
- Multi-functional 6-string switch
  The 6-string switch can make one-stitch correction, stitch length changeover and needle thread tension changeover, etc. by one button push each. A switch not used for any function can be optionally given a function.

High-torque direct-drive motor is installed.

This machine has adopted a high-torque direct-drive motor which is suitable for heavy-weight materials. As a result, the sewing machine is excellent at its responsiveness and ensures increased penetration into the material even when sewing multi-layered parts.

Comparison of the long distance from the machine arm
**OPTION PARTS**

**Slim Cylinder Tip : 40166342**

- The shape of the throat plate has been successfully decreased to be as slim as possible. This cylinder-bed sewing machine with a vertical-hook has achieved the same sharp-curve sewing capability as with the case of a cylinder-bed sewing machine with a horizontal-axis hook.
- The quality of genuine leather products is impaired by indentations or impressions made by sewing machine components during sewing. The sewing machine has adopted a flat foot and intermediate presser which have no grooves, thereby reducing indentations or impressions.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model name</th>
<th>LS-2342S</th>
<th>LS-2342S-7-0B</th>
<th>LS-2342H</th>
<th>LS-2342H-7-0B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. sewing speed</td>
<td>2,500 sti/min</td>
<td></td>
<td>2,000 sti/min</td>
<td></td>
</tr>
<tr>
<td>Max. stitch length</td>
<td>9mm (Normal/Reverse feed)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stitch length dial</td>
<td>1 pitch dial</td>
<td>2 pitch dial</td>
<td>1 pitch dial</td>
<td>2 pitch dial</td>
</tr>
<tr>
<td>Lift of the presser foot</td>
<td>By auto: 20mm, By hand: 10mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hook</td>
<td>Vertical-axis 1.6 fold-capacity hook</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Needle</td>
<td>134×35 (Nm100~Nm180, Nm140)</td>
<td></td>
<td>134×35 (Nm100~Nm180, Nm180)</td>
<td></td>
</tr>
<tr>
<td>Thread</td>
<td>#40~#5 (US:#33~#138, Europa:90/3~20/3)</td>
<td>#30~#5 (US:#46~#138, Europa:60/3~20/3)</td>
<td>#20~#0 (US:#69~#266, Europa:40/3~10/3)</td>
<td></td>
</tr>
</tbody>
</table>

*"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:

- **Machine head**
  - without automatic thread trimmer
    - LS2342
  - with automatic thread trimmer
    - LS2342 70B

- **Control box**
  - SC922B

- **Operation panel**
  - CP18C
  - CP180C

- **Sewing specification**
  - S: For coarse yarn
  - H: For coarse yarn

- **Power supply**
  - Single-phase 100~120V: S
  - 3-phase 200~240V: D
  - Single-phase 200~240V (for general export): K
  - Single-phase 200~240V (for ce): N
  - Single-phase 200~240V (for china): U

**JUKI ECO PRODUCTS**

The LS-2342-7 Series 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
- 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.

**JUKI CORPORATION**

SEWING MACHINERY BUSINESS UNIT

- 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 soy ink on recycle paper.