Cylinder-bed, 1-needle, Unison-feed, Lockstitch Machine with a Vertical-axis Hook

**LS-1340**

**LS-1341** (with a large vertical-axis hook)

**LS-1342** (with a large vertical-axis hook and a gauge for small articles)

**LS-1342-7** (with a large vertical-axis hook, a gauge for small articles, and an automatic thread trimmer)

*Control panel XC-E500 and pneumatic auto-lifter AK123C is optionally available.*
The LS Series offers a consistent stitching pitch and outstanding ability to sew sharp curves. This makes the machine ideal for the sewing of tubular articles.

**Sewing capabilities and feed performance that respond to a broad range of uses in the sewing of heavy-weight materials.**

1. With its larger needlebar stroke, larger lift of the presser foot, and newly adopted double-tension mechanism, the machine sews beautifully with thick threads (low count thread) and at higher thread tensions. This allows the machine to sew a broad range of heavy-weight materials.

2. The newly developed mode of highly rigid rectangular feed guarantees outstanding feed performance. In addition, the ratio between the alternating vertical movements of the walking foot and presser foot remains unchanged even when the material thickness changes. With this feature, the machine sews multi-layered parts of the material consistently and without stitch gathering.

3. The machine is equipped as standard with a mechanism to correct uneven material feed by making-micro adjustments to the bottom-feed.

**Excellent for the sewing of sharp curves.**

1. 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 shoes, but also small articles such as wallets.

2. In addition to the standard type machine, a machine provided with a gauge for small articles is available. (LS-1342, LS-1342-7)

3. The undersides of the top end of the cylinder-bed is provided with an easy-to-remove cover. This promises easy cleaning of thread wastes.

4. The stitch length can be easily selected by the stitch dial. The machine's enhanced operability features include a clear view of the area around the needle, placement of the bobbin thread winder on the front face of the machine arm, and a large handwheel (160mm).

5. A knee-lifter mechanism is built in the bed. This reduces the pressure required to operate the knee-lifter and facilitates setup.

6. The machine's full-open-type top design makes adjusting works easier.

7. The machine comes with a lubricating mechanism that uses a centralized oil wick. This substantially reduces the time and trouble required for oiling the machine. (The hook needs manual oiling with an oiler.)

8. A walking foot mechanism is built into the machine arm to prevent oil from scattering.
The machine is provided as standard with an instantaneous change-over device for the alternate vertical movement amount (DL device).

- For sewing processes that handle heavy-weight materials or multi-layered parts of material, the alternating vertical movements of the walking foot and presser foot can be quickly set to maximum by pressing the DL switch.
- The result is beautiful seams free from gathered stitches.
- The machine is provided with both a hand switch and knee switch.

**A helpful automatic reverse feed function is provided as standard.**

With just a light press on the one-touch type reverse feed button, reverse feed stitching is actuated.

**Thread trimming without fail.**

- The machine handles thread counts from #30 to #5. Its highly rigid thread trimming mechanism cuts the thread without fail. The machine can be applied to a broad range of sewing processes, including the sewing of bags.

**The area around the needle entry is designed to be easily observed.**

- Since the needle thread-tension-release solenoid is fitted on the rear face of the machine head, the area around the needle entry is easily viewable. This substantially improves the operability of the machine.

**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.

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WHEN YOU PLACE ORDERS

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

[Without an automatic thread trimmer]  [With an automatic thread trimmer]

**LS-134**  **LS-1342-7-0B**

**[PSC box/control panel for SC]**  **[Motor for SC]**

**SC-380**  **M**

AC servomotor/ controller SC-380

The SC-380 is provided with many different standard functions, including speed-control, soft-start, automatic reverse stitching with the specified number of stitches, constant-dimension stitching, and overlapped (multi-layered) stitching. These functions ensure sewing performance optimally suited to the material and process.

Control panel that improves functions of the sewing machine (optional)

The XC-E500 is provided with program sewing and a host of other functions that contribute to increased efficiency.

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JUKI CORPORATION HEAD OFFICE

The environmental management system to promote and conduct the research and development and design of the products in which the environmental impact is concluded.

The environmental management system is established in the research, development, design, distribution, sale and maintenance aspects of the industrial sewing machines, hazardous sewing machines and industrial toe rollers, etc., and in the purchasing, distribution and sale of the high-quality components including the healthcare products.

SPECIFICATIONS

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**JUKI CORPORATION INTERNATIONAL SALES H.Q.**

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.

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