

L-1A

Direct-drive, 1-needle, Lockstitch Machine with Automatic Thread Trimmer
(Nipper and Automatic reverse feed device)

Enhancement of basic functions



L-1A-M

L-1A Series

Operation panel and control box are integrated with the machine head

The sewing machine has been integrated with the operation panel and the control box for ease of use. All of the L-1A series adopt the direct drive system. As a result, the sewing machine starts up swiftly and promises increased stop accuracy, responsiveness, thereby demonstrating improved performance.



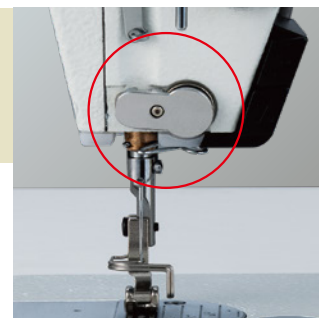
Operation panel



Control box

● Nipper device

This device pulls the needle thread into the wrong side of the material at the beginning of sewing, thereby ensuring more beautifully-finished seams.



Nipper device

● Direct-drive type

Since the sewing machine has no V-belt, the operator needs neither to clean up shavings from the V-belt, nor adjust the V-belt tension.



USB port

● USB port

The L-1A series is equipped as standard with a USB port that can be used to charge smartphones, etc.

| LED light

The LED light is located on the underside of the arm jaw. It reduces operator fatigue and improves work efficiency. It is provided as standard for all models of the L-1A Series. In addition, the illuminance of the LED lights can be adjusted in three steps and can be used as an auxiliary light for work.

| Rotary thread-trimming mechanism

The machine adopts a single-blade drive rotary thread-trimming mechanism, so it is easy to maintain.



LED light

SPECIFICATIONS

| Model name | L-1A-M | L-1A-H |
|--------------------------|--|--------------------|
| Application | Medium-weight | Heavy-weight |
| Max. sewing speed | 5,000sti/min* | 3,500sti/min* |
| Max. stitch length | 5mm | |
| Lift of the presser foot | By hand: 5.0mm / By knee: 13mm | |
| Needle | DBx1 (#14) #11-#18 | DPx5 (#21) #16-#21 |
| Nipper | provided | |
| Lubrication | Automatic | |
| Lubricating oil | JUKI MACHINE OIL 7 (equivalent to ISO VG7) | |
| Power consumption | 488 VA | |
| Power requirement | Single-phase 220V/Single-phase 110V | |

* sti/min is the abbreviation for "stitches per minute"

WHEN YOU PLACE ORDERS

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

Machine head & Control box

| Auto-lifter | Code | Voltage | Code |
|--------------|------|-----------------------|------|
| Provided | AK | Single-phase 200~240V | A |
| Not Provided | — | Single-phase 110V | L |

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| Application | Code |
|-----------------------------|------|
| for Medium weight materials | M |
| for Heavy weight materials | H |

| Destination | Code |
|-------------------|------|
| General export | A |
| India | F |
| Turkey (for RoHS) | H |

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•Specifications and appearance may be changed without notice for improvement purposes.

•To ensure safe use, be sure to read the instruction manual before use.

The information in this catalog is current as of September 2025. (Rev2) (JC)