

SC-810



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The SC-810 is a control box which is specifically designed for the direct-drive sewing machine.

The applicable model of sewing machine is the DDL-9000A.



DDL-9000A

Supply voltage	Single-phase 220-240 V
Average power consumption	320 VA

Feature

Feature

The control box is able to operate the machine without the optional operation panel.

A setup connector is mounted on the front panel for easy setup of the operation panel. The connector cover can be removed by a one-touch simple operation to easily observe the connector outlet.



The selector buttons (reverse-stitch shape, the number of stitches, thread-trimming prohibition button, etc.) are located on the front face of the control box so that the automatic reverse stitching function can be selected without using the optional panel.

•The SC-810 is an exclusive control box for the DDL-9000A model sewing machine. As options, the AK138 (auto lifter), PK70/71 (foot pedal for standing work) and CP-170 (operation panel) can be fitted to the SC-810.

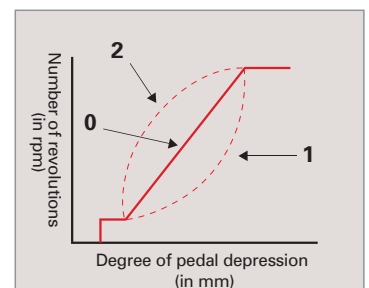
Major features

Soft-start function, thread-trimming preventing function, reverse-stitch correcting function, reverse-rotation needle-up function, higher/lower needle-bar position adjusting function, retry function, pedal-curve selecting function, error indication, etc.

Example: Pedal-curve selection function (function setting No. 87)

The machine's number-of-revolutions curve (sewing-speed curve) relative to the degree of pedal depression can be changed over among three different types. If it is desired to slowly increase the number of revolutions by depressing the pedal, (1) should be selected. The (1) curve facilitates the inching operation. To quicken the pedal responsiveness, (2) should be selected.

If the normal rpm curve is preferred, (0) (the setting at the time of delivery) should be selected. In this way, the curve can be changed over among three different types according to the user's preferences and needs.



◆**Example: Higher/lower needle-bar position adjusting function**

- **Higher position of the needle bar (function setting No. 121):**
The angle at which the higher position of the needle bar is first detected can be corrected.
- **Lower position of the needle bar (function setting No. 122):**
The angle at which the lower position of the needle bar is first detected can be corrected.

* For the DDL-9000A, the magnet which detects the needle position has been eliminated from the pulley as illustrated. To adjust the higher/lower position of the needle bar, mechanical adjustments are no longer needed. It is now adjustable on the control box or operation panel (CP-170) with ease.



Operation panel (option)

□ CP-170



Reverse stitching function

- **Automatic reverse stitching, double-reverse stitching (starting/ending point is selectable):**
The number of stitches is set between 0 and 19.
- **Constant-dimension sewing (starting/ending point is selectable):**
The number of stitches is set between 0 and 500.
- **Rectangular stitching (starting/ending point is selectable):**
The number of stitches is set between 0 and 99.
- **Multi-layer stitching:**
The number of stitches is set between 0 and 19.

Other functions

Bobbin thread counter, needle up/down correction, thread-trimming prevention, function setting switch (new function).

◆ Example: Function setting switch

Settings for various functions can be changed on the operation panel by turning the power ON while pressing and holding the **M** switch (function setting switch) on the panel.

When you place orders

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

■ PSC box

SC810

Power supply	Code
Single-phase 200~240V (for General Export)	K
Single-phase 200~240V (for China)	U

■ Operation panel (option)

CP170 A

Applicable model	Code
DDL-9000A	A

- To order, please contact your nearest JUKI distributor.



JUKI CORPORATION HEAD OFFICE

The environmental management system to promote and conduct (1) the technological and technical research, the development and design of the products in which the environmental impact is considered, (2) the conservation of the energy and resources, and the recycling, in the research, development, design, distribution, sale and maintenance service of the industrial sewing machines, household sewing machines and industrial-use robots, etc., and in the sale and maintenance service of the data entry system and in the purchase, distribution and sale of the household commodities including the healthcare products.

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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.