

DDL-8100B-7

Direct-drive, 1-needle, Lockstitch Machine with Automatic Thread Trimmer

Energy-saving servomotor is installed in the direct-drive style.

Features

- The direct drive system has been adopted.
- Both the control box and the operation panel are integrated with the machine head.
- Dramatically advanced availability for material.
- Maintainability is improved.



DDL-8100B-7-WB

Energy-saving servomotor is installed in the direct-drive style.

The energy-saving and highly efficient servomotor is installed in the direct-drive style to transmit power without loss to the sewing machine, thereby providing improved responsiveness, quicker start-up and increased needle penetration force.

The compact-sized control box and operation panel

Both the compact-sized control box and the operation panel are integrated with the machine head. The machine is provided as standard with the operation panel.



The operation panel is equipped with many different functions.

Function table of operation panel	
Automatic reverse-feed stitching (performed at start/end of sewing; selectable)	0 to 15 stitches
Double reverse-feed stitching (performed at start/end of sewing; selectable)	0 to 15 stitches
Constant-dimension sewing (performed at start/end of sewing; selectable)	1 to 99 stitches / 0 to 15 stitches
Rectangular stitching (performed at start/end of sewing; selectable)	1 to 99 stitches / 0 to 15 stitches
Pocket sewing A (performed at start/end of sewing; selectable)	1 to 99 stitches / 0 to 15 stitches
Pocket sewing B (performed at start/end of sewing; selectable)	1 to 99 stitches / 0 to 15 stitches
Multi-layer stitching	0 to 15 stitches / 0 to 15 times
Needle up/down compensating stitch	○
Automatic sewing (The time when the automatic sewing is carried out can be selected among constant-dimension sewing, rectangular stitching or pocket sewing)	○
Soft start	○



The power switch is built in the control box to further improve ease of setup. The auto-lifter can also be connected to the control box with ease.

JUKI ECO PRODUCTS

The DDL-8100B-7 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.

Responsiveness to the material is improved to sew many different types of materials.

The thread take-up lever which provides a wider sewing range is adopted.

The use of the newly-developed thread take-up lever increases the needle bar stroke (35mm). With this feature, the sewing machine is able to sew many different types of materials ranging from light-weight ones to medium-weight denim.

The new tension spring is adopted.

The new tension spring is adopted to support the sewing of materials which differ in thickness ranging from light-weight materials to medium weight ones.

Newly-developed hook is adopted.

The newly-developed hook is adopted. This hook can handle even a higher-count thread with consistency.

Improved maintainability

Feed-cam timing adjusting hole

The adjusting hole is provided on the top of the arm. This hole facilitates adjustment of the feed-cam timing.

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.



Improved workability

Thread trimming unit adjusting hole (Plain knife type)

Thread trimming unit adjusting hole is provided. Adjustment of the hook timing (temporary fixing) can be carried out without tilting the sewing machine.



Needle bar thread holder

It does not require the operator to pass the thread through the needle bar, thereby helping reduce the operator's fatigue.

LED light is provided as standard.

A thinner LED light is provided near the needle entry area. Its illuminance is adjustable steplessly.



SPECIFICATIONS

Model name	DDL-8100BM-7
Application	For light-to medium-weight
Max. sewing speed	4,000 sti/min
Max. stitch length	5mm
Presser foot	By hand : 5.5mm, By Knee : 13mm
Lubricating oil	JUKI Machine Oil 7 (equivalent to ISO VG7)
Needle	DBx1 (#14) #14~#18
Power consumption	220VA
Weight of machine head	32kg (include motor, control box, cover)
Outside dimensions of package (mm)	833 x 278 x 459 (0.106m ³)

*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:

Application	Code	Power supply	Code
For light-to medium-weight	M	Single-phase 220V (for General Export, China)	K
		Standard, Single-phase 220V	L

DDL8100BM7

Trimming	Code	Wiper and one-touch type reverse feed	
Plain knife	R	Wiper	One-touch type reverse feed
Rotary knife		Not provided	Provided
		Provided	Provided
			Code
			0B
			WB

● To order, please contact your nearest JUKI distributor.



JUKI CORPORATION HEAD OFFICE
 Juki Corporation operates an environmental management system to promote and conduct the following as the company engages in the research, development, design, sales, distribution, and maintenance of industrial sewing machines, household sewing machines, industrial robots, etc., and in the provision of sales and maintenance services for data entry systems:
 (1) The development of products and engineering processes that are safe to the environment
 (2) Green procurement and green purchasing
 (3) Energy conservation (reduction in carbon-dioxide emissions)
 (4) Resource saving (reduction of papers purchased, etc.)
 (5) Reduction and recycling of waste
 (6) Improvement of logistics efficiency (modal shift and improvement of packaging, packing, etc.)

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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.