

DDL-8700A-7

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



The size of the sewing machine has been reduced by integrating the control box and the operation panel, while still maintaining its ease of use.



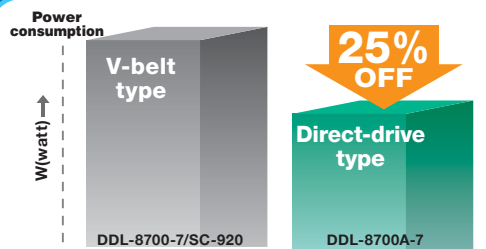
DDL-8700AS-7-WB

Features

- The direct drive system has been adopted.
- Both the control box and the operation panel are integrated with the machine head.
- Maximum sewing speed 5,000 sti/min (for medium-weight materials)
- Enhanced energy-saving performance



The new model with the direct-drive system has been developed based on the DDL8700-7 machine head. The machine demonstrates improved responsiveness to promise stress-free operation. In addition, the control box and operation panel are integrated with the motor cover of the machine head, to simplify the setup procedure.



Comparison mode: Relative to the power consumed in four seconds, including the time required for sewing 100 stitches (including eight reverse-feed stitches each at the beginning and end of sewing) and the standby time (with the energy-saving mode OFF)

Enhanced energy-saving performance

The new-model compact-sized servomotor has been installed in the direct-drive style. The new-model servomotor improves energy consumption and achieves increased speed and torque. As compared with the belt-driven DDL-8700-7, the DDL-8700A-7 achieves a reduction of power consumption by 25 %.

JUKI ECO PRODUCTS



JUKI ECO PRODUCTS

The DDL-8700A-7 is an eco-friendly product which complies with JUKI ECO PRODUCTS standards for protecting the environment.

- This sewing machine reduces power consumption by 25% as compared with the conventional models.
- 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.

● Direct-drive

The machine has adopted the direct-drive system, which provides excellent responsiveness. It helps reduce operator fatigue and achieve a comfortable work environment. 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.

● Control box and Operation panel

The control box and operation panel are integrated with the motor cover of the machine head. The machine is provided as standard with the operation panel.

● Bobbin thread winder

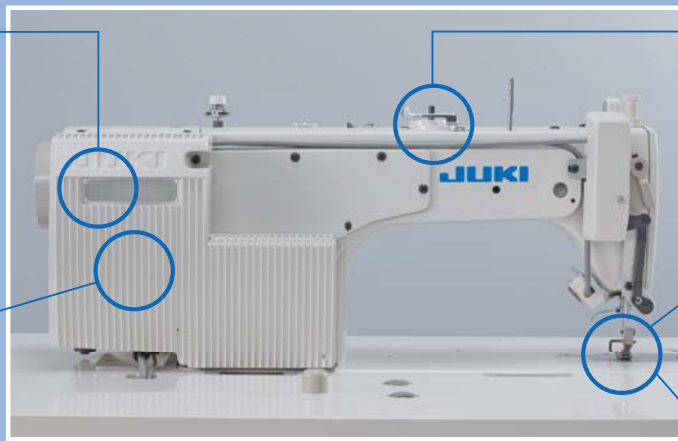
The bobbin winder is installed on the top of the machine head in order to improve workability at the time of bobbin replacing.

● Automatic thread trimmer mechanism

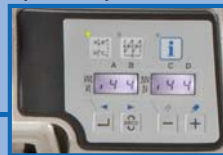
Thread trimming speed has been increased. As compared with the DDL-8700-7, it has been increased by **approximately 1.5 times**, thereby contributing to increased productivity.

● Gauge

All of the gauges for the DDL-8700-7 are applicable to the new model.



Operation panel



■ SPECIFICATIONS

| Model name | DDL-8700AS-7 | DDL-8700AH-7 |
|------------------------------------|--|------------------|
| Application | Medium-weight | Heavy-weight |
| Max. sewing speed | 5,000sti/min | 4,000sti/min |
| Max. stitch length | 4mm | 5mm |
| Presser foot | By hand:5.5mm, By Knee:13mm | |
| Lubricating oil | JUKI Machine Oil 7 (equivalent to ISO VG7) | |
| Needle | DB×1(#14)#9-#18 | DB×1(#21)#20-#23 |
| Power consumption | 210VA | |
| Weight of machine head | 36.3Kg (include motor, control box, cover) | |
| Outside dimensions of package (mm) | 803×278×459 (0.102m 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:

Machine head

| Application | Code | Wiper and one-touch type reverse feed | | |
|---------------|------|---------------------------------------|-----------------------------|------|
| | | Wiper | One-touch type reverse feed | Code |
| Medium-weight | S | Not provided | Provided | 0B |
| Heavy-weight | H | Provided | Provided | WB |

DDL8700A 7

| Power supply | Code | Auto-lifter | Code | Options | Code |
|--|------|--------------|-------|-----------------|------|
| 3-phase 220V~240V (for General Export, JA*) | D | Not provided | | Not provided | |
| Single-phase 220V~240V (for General Export, China) | K | Provided | AK85A | LED lamp (JL-1) | L |
| Single-phase 220V~240V (for CE) | N | | | | |

*JA: North America and Central and South America.

*LED lamp is packed together with machine head.

[LED lamp can also be ordered as a part.
LED_ALL_ASSY: Part No.40114345]



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.