

DLN-5410NDD-7 (with automatic thread trimmer)

Direct-drive, 1-needle, Needle-feed, Lockstitch Machine

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



DLN-5410NDD-7

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.

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

Highly-functional control panel

The control panel which belongs equivalently to the highly-functional CP-180 family is built into the control box. With this panel, various sewing data ranging from the sewing speed to the production support functions can be adjusted. In addition, the control panel has been newly provided with a password lock function to restrict panel operation. The machine may be used simply by entering any given passcode number.

Compact and small energy-saving direct-drive motor

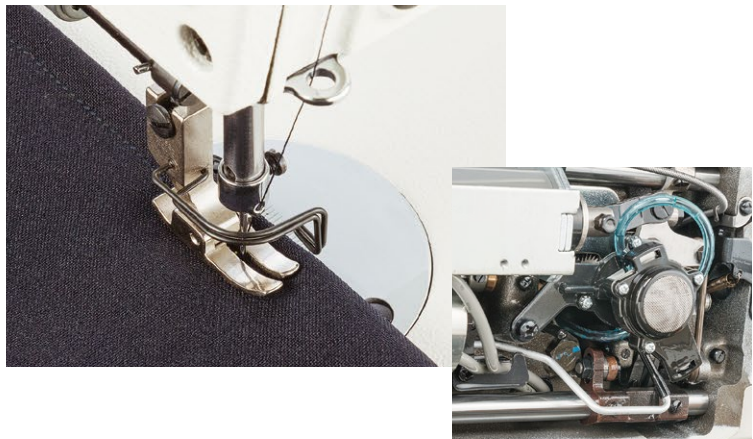
Compared with conventional V-belt driven sewing machines, sewing machines driven by direct drive motors save more than 13% of power consumption.



Provided with a password lock function

Sewing mechanism that demonstrates outstanding responsiveness to materials to be sewn.

The machine head has been redesigned to improve the performance of each component. Thanks to the machine's low-tension sewing capability and the adjustment function for the needle feed amount ($\pm 15\%$), uneven material feeding and puckering rarely occur, thus enhancing the machine's ability to respond to any change in the material to be sewn. The optimally balanced design of the machine head and the stronger frame structure significantly reduce machine vibration and noise while the machine is being operated.



SPECIFICATIONS

Model name	DLN-5410NDD-7	DLN-5410NDDH-7	DLN-5410NDDJ-7
Application	Light to medium weight	Heavy weight	Jeans
Max. sewing speed	5,000 sti/min*	4,000 sti/min*	
Max. stitch length	4mm	4.5mm	
Needle bar stroke	30.7mm		33mm
Lift of the presser foot	By hand: 5.5mm, By knee: 13mm		
Needle	DB×1 (#14) #9~#18	DB×1 (#21) #20~#23	
Hook	Automatic-lubricating full-rotary hook		Automatic-lubricating double-capacity full-rotary hook
Lubrication	Automatic		
Lubricating oil	JUKI Machine Oil 7 (equivalent to ISO VG7)		
Automatic reverse feed function	Provided as standard		
Power requirement	Single-phase 220~240V		
Power consumption	390VA		
Weight of machine head	36kg (include motor, control box, cover)		

*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:

DLN5410NDD **7** **K**

Application	Code
For light to medium-weight materials	
For heavy-weight materials	H
For jeans	J

Wiper and automatic reverse feed function		Code
Wiper	Automatic reverse feed function	
Provided	Provided	WB

Auto-lifter (optional)	Code
Not provided	
Provided (AK85B)	AK85B

JUKI ECO PRODUCTS The DLN-5410NDD-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: <https://www.juki.co.jp/en/company/eco>

*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.



Registered Organization: JUKI CORPORATION Head Office
The Scope of the Registration: The activities of research, development, design, sales, distribution, and maintenance services of industrial sewing machines, household sewing machines and industrial robots, etc., including sales and maintenance services of data entry systems.

JUKI
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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.
- * Paper from responsible sources FSC™ C001712