

ENGLISH

**LU-2828NV
INSTRUCTION MANUAL**

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CAUTION

This Instruction Manual for the LU-2828NV only describes their differences from the standard models (LU-2828V).

For safety-related information, carefully read and fully understand "Safety precautions" described in the Instruction Manual for the standard models before using your sewing machine.

1. Specifications

LU-2828NV-7-NB-B-S-△

Classification of options

Z	Not provided
F	Protective cover sensor Stitch skipping detecting device Bobbin-thread remaining amount detecting device



Item	Application
Model	LU-2828NV-7
Sewing speed	Max. 3,500 sti/min (Refer to "10. SEWING SPEED TABLE" in the Instruction Manual for the standard model.)
Stitch length	Max. 9 mm
Needle	SCHMETZ 134-35 (Nm 125 to Nm 180) (Standard : Nm 140)
Applicable thread size for sewing	#30 to #5 (US: #46 to #138, Europe: 60/3 to 20/3)
Applicable thread size to be cut	#30 to #5 (US: #46 to #138, Europe: 60/3 to 20/3)
Motor	AC servo motor
Presser foot pressure control	Electronic control
Horizontal feed control	Electronic control
Alternate vertical feed control	Electronic control
Lubricating oil	JUKI New Defrix Oil No. 1 (equivalent to ISO standard VG7) or JUKI MACHINE OIL No. 7
Number of patterns	Sewing pattern99 patterns (For the polygonal shape sewing, as many as 10 patterns can be registered.) Cycle sewing pattern9 patterns Custom-pitch pattern20 patterns Condensation custom pattern9 patterns
Noise	- Equivalent continuous emission sound pressure level (L_{pA}) at the workstation: A-weighted value of 88.0 dB; (Includes $K_{pA} = 2.5$ dB); according to ISO 10821- C.6.2 - ISO 11204 GR2 at 3,500 sti/min. - Sound power level (L_{WA}); A-weighted value of 92.5 dB; (Includes $K_{WA} = 2.5$ dB); according to ISO 10821- C.6.2 - ISO 3744 GR2 at 3,500 sti/min.

2. Threading the machine head



WARNING :

To protect against possible personal injury due to abrupt start of the machine, be sure to start the following work after turning the power off and ascertaining that the motor is at rest.

Thread the machine head following the order as illustrated in the figure.

