

1-needle, unison-feed, lockstitch machine with a vertical-axis large hook and automatic thread trimmer

For sewing car seats

LU-1510NA-7



※Photo shown with optional DL device.

SPECIFICATIONS

Model name	LU-1510NA-7 (for sewing car seats)
Max. sewing speed	2,000rpm
Max. stitch length	7mm (forward / backward)
Needle	135×17, SY3355 Nm100 (at the time of delivery) Nm100~Nm130
Thread	TEX 50~135
Hook	Vertical-axis double-capacity hook
Lift of the presser foot	16mm
Lubricating oil	JUKI New Defrix Oil No.2
DL device (option)	DL22: Instantaneous change-over device for the alternate vertical movement amount The alternate vertical movement amount can be instantaneously maximized in a process for sewing a hard-to-feed part of material, such as a multilayered part, finishing with beautiful seams free from stitch gathering.

WHEN YOU PLACE ORDERS

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

Machine head

LU1510NA70BAK137B□Z

Pneumatic auto-lifter	Code
Pedal switch type	AK137B

DL device	Code
Not provided	Z
Provided	A

Operation panel

CP160C

● 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.



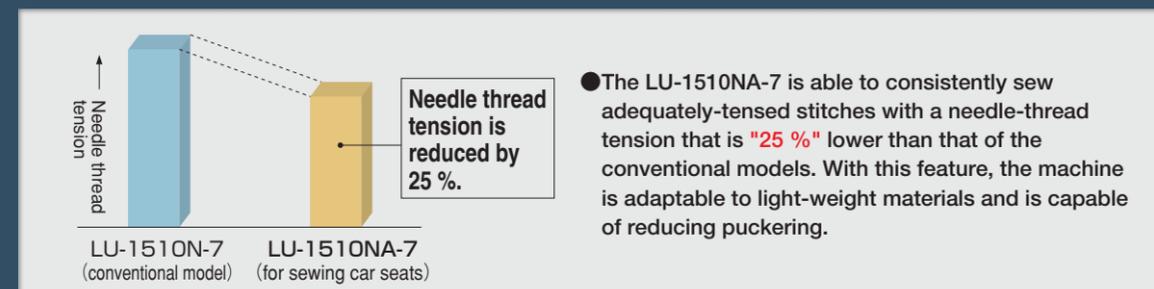
The machine demonstrates sewing capabilities best suited for sewing car seats of light- to heavy-weight materials without using any additional devices.

Car seats are intended to keep drivers safe and comfortable. To achieve this purpose, car seats of a good design are required. In addition, specially fabricated materials (such as special light-weight materials) are widely used. The machine is capable of sewing a broader range of materials, from light-weight materials, which are hard for conventional feed dogs to handle and gauges designed for medium- to heavy-weight materials.

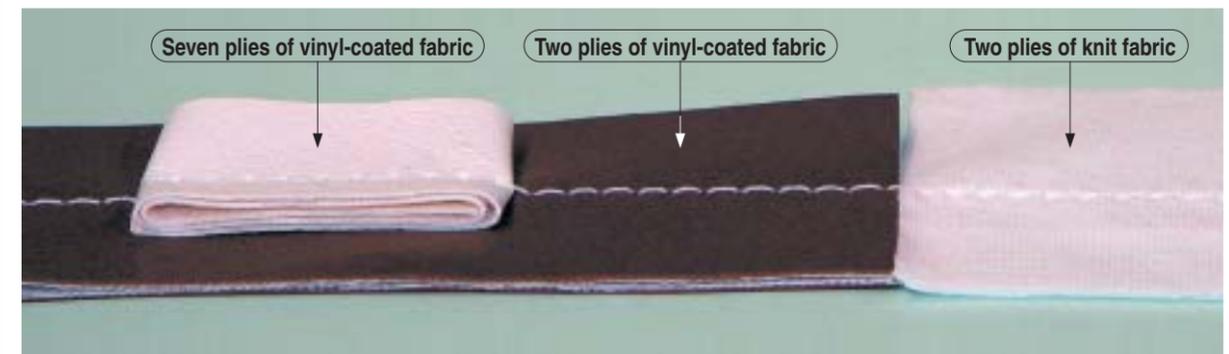
Features

- The machine prevents fabric yarn breakage when using a thin needle.
- The machine is able to perform low-tension sewing where less of a load is applied to the material.

Comparison of needle-thread tension under the same conditions

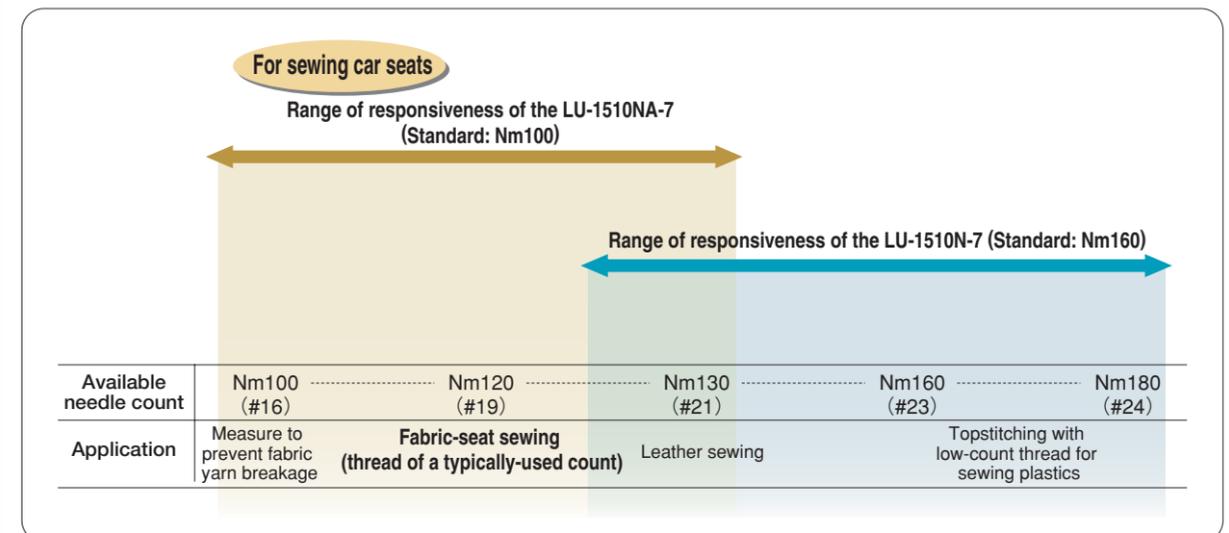


Responsiveness to a broader range of materials



★ Taking an extreme example, in a process where different types of materials are used or where materials that differ in thickness are used, the machine is able to sew the materials in one shot without adjusting the needle thread tension. The machine, therefore, reduces the load applied to the materials and produces uniformly-tensed stitches with consistency.

Adaptable range of sewing



LIST OF GAUGE COMPONENTS

● Feed dog

Classification	Standard	Option	Option
Part No.	40041248	40051616	40051615
Part	Feed dog (2×3)	Feed dog (2.5×3.5)	Feed dog (φ2)
Shape			
Applicable needle count	Nm100~Nm130 #16~#21	Nm125~Nm160 #20~#23	Nm100~Nm120 #16~#19
Applicable thread count	#30~#5	#30~#5	#30~#8
Application	—	• Prevention of needle breakage when sewing rigid resin parts	• For thin needle

● Throat plate

Classification	Standard	Option
Part No.	40041238	40051724
Part	Throat plate	Throat plate (without a groove)
Shape		
Application	—	• Prevention of needle thread breakage caused by the presser foot • Prevention of damage to the materials

● Walking foot

Classification	Standard
Part No.	40041238
Part	Throat plate(asm.)
Shape	

● Presser foot

Classification	Standard
Part No.	40051724
Part	Presser foot(asm.)
Shape	