

## LU-1520NCS-7 Shorter-thread remaining/CS type

1-needle, unison-feed, lockstitch machine with vertical-axis large hook and automatic thread trimmer (shorter-thread remaining type for sewing car seats)



### This model of sewing machine is best-suited to car-seats manufacturing factories

The machine achieves beautifully-finished seams with its shorter-thread remaining type thread trimming mechanism.

#### Features

- ◎ Feed performance has been further improved.
- ◎ Sewing performance has been substantially improved.
- ◎ This machine helps reduce the operator's fatigue due to manual thread nipping after the end of sewing.
- ◎ Responsiveness to materials has been further improved.



LU-1520NCS-70BAK151BZB

#### Responsiveness to materials has been substantially improved.

- This single unit of machine is able to smoothly sew a wide variety of materials such as genuine leather, J-clip (plastic), heavy-weight materials for men's trousers, light-weight fabric materials and even light-weight materials which need to be sewn with stretched to remove the slack in garment body.



#### Seam quality and sewing performance have been greatly improved.

- Well-tensed seams can be produced with a lower thread tension. (Needle thread tension can be reduced by 50 % in comparison with that required for the conventional models.)
- Even when sewing a light-weight material which needs to be sewn with stretched, the machine is able to reduce puckering.
- The machine is able to reduce the frequency of occurrence of thread breakage, stitch skipping, needle breakage and isolated idling loops.
- Since the machine produces well-tensed seams even when using a thin higher-count needle, it is able to provide finished seams that ideally match the material.

#### Needle thread clamping device

- This device pulls the needle thread into the wrong side of the material at the beginning of sewing, thereby ensuring more beautifully-finished seams.



#### The length of thread remaining on the material after thread trimming has been reduced to save manual nipping by the operator.

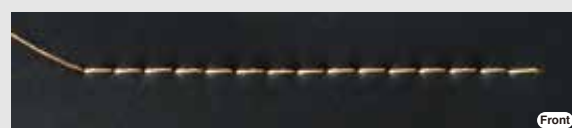
- The machine has adopted newly-designed direct-drive thread trimming mechanism to shorten the length of thread remaining on the material after thread trimming.
- This results in the reduction of manual thread nipping at the end of sewing.
- Frequency of use of scissors is also reduced, thereby contributing to the prevention of damage to the fabric by scissors.



LU-1520NCS-7 (Remaining-thread length : Less than 5mm)



Conventional model



## SPECIFICATIONS

Name of model	<b>LU-1520NCS-7</b>	
Max. sewing speed	2,000 sti/min	
Max. stitch length	Normal/reverse: 7 mm	
Needle bar stroke	38 mm	
Pitch changing method	By dial	
Thread take-up	Slide type	
Hook	Vertical-axis, double-capacity hook	
Lift of the presser foot	Manual	9 mm
	Auto	16 mm
Alternating vertical movement amount	1~6.5 mm	
Needle	135×17, SY3355 Nm120 (Nm100~Nm160)	
Thread	#30~#5	
Lubrication	Automatic (Partly manual with an oiler)	
Lubricating oil	JUKI New Defrix Oil No. 2	

\* "sti/min" stands for "Stitches per Minute."

## WHEN YOU PLACE ORDERS

### Machine head

# LU1520NCS70BAK151B

Pneumatic auto-lifter	Code
Pedal switch type	<b>AK151B</b>

DL device	Code
Not provided	<b>Z</b>
Provided	<b>A</b>

Option	Code
Not provided	<b>Z</b>
Needle thread clamping device	<b>B</b>

### Control box

# SC922A

Power supply	Code
Single-phase 100~120V	<b>S</b>
3-phase 200~240V	<b>D</b>
Single-phase 200~240V (for general export)	<b>K</b>
Single-phase 200~240V (for ce)	<b>N</b>
Single-phase 200~240V (for china)	<b>U</b>

### Motor for SC

# M51N

### Operation panel

# CP180C CP18C

● To order, please contact your nearest JUKI distributor.

### JUKI ECO PRODUCTS

The LU-1520NCS-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](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.



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.

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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.