

# LU-2828-7

Direct-drive, 1-needle, Unison-feed, Lockstitch Machine with Vertical-axis 2.7 Fold-Capacity Hook and an Automatic Thread Trimmer (needle thread roll-in and shorter-thread remaining type)

# JUKI



High and long arm has been adopted. Wide machine bed area contributes to improved workability.

Thread picking is no longer required at the beginning and end of sewing. This is a high-performance machine that is ideally suited to the sewing of car seats.



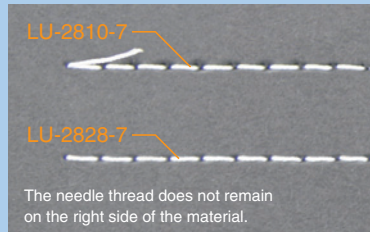
LU-2828-7

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## Functions for improving seam quality and workability

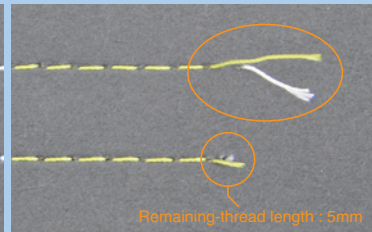
### Comparison of the remaining thread length

Right side of the material at the beginning of sewing



The needle thread does not remain on the right side of the material.

Wrong side of the material at the end of sewing



Remaining thread length : 5mm

### Multi-functional 6-string switch

The machine with thread trimmer can change over the needle thread tension from single to double and vice versa (increase the responsiveness to thicker materials), change over the alternating vertical movement amount, the stitch length, etc. by simply pushing the Multi-functional 6-string switch.



Needle thread clamping at the beginning of sewing can be turned ON/OFF.

### Double tension provided as : standard

A dual-tension is provided as standard responding to the sewing with thick thread under a higher tension.

### The thread trimming mechanism

The thread trimming mechanism has been totally redesigned to shorten the length of thread remaining on the material at the end of sewing down to 5mm.



### New bobbin thread spool device

New bobbin thread spool device is no necessity of rolling thread manually.



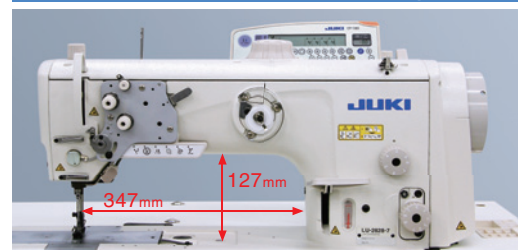
### 2.7 fold-capacity hook

The hook which can be adjusted with screw amount of needle guard contact to needle. The needle guard can be easily adjusted. Therefore, it prevents stitch skipping and wear of hook edge.



Adjustable screw

### Wide machine bed area contributes to improved workability.



The machine is suited to sew car seats, sofas and bags, provided with dramatically improved workability and functions required for sewing large products and extra heavy-weight materials.

## OPTION

### Suspended ruler H152

Suspended ruler (asm.) H152 : [ MAH-152010A0 ] / Suspended ruler adapter plate\* : [ 40112214 ] /

Screw\* : [ SM6051402TP x2 ] / Screw\* : [ SM6061402TP x2 ]

\* The parts is contained in the accessories of a head.

### 覗き窓付き滑り板

覗き窓付き滑り板 (左右): [ ]

## SPECIFICATIONS

Model name	LU-2828-7
Type	1-needle with automatic thread trimmer / Direct-drive
Max. sewing speed	3,000sti/min
Max. stitch length	9mm
Stitch length dial	2 pitch dial
Presser foot	Auto: 20mm, By hand: 10mm
Auto lifter	Provide as standard
Alternating vertical movement	1~9mm
Alternating vertical movement adjusting method	Large dial
DL device	Provide as standard
Needle thread tension	Single/Double-tension
Hook	Vertical axis 2.7 fold-capacity hook
Bottom-feed micro-adjustment mechanism	Provided as standard
Needle	134x35 Nm140 (Nm125~Nm180)
Thread	#30~#5, B46~B138, Mn=60/3~20/3
Lubrication	Automatic (Tank system)
One-touch type reverse feed switch	Provide as standard
Hand switch	Multi-functional 6-string switch
Safety mechanism	Provided as standard (reset with the push of a button)
Power requirement / Power consumption	Single-phase 100~120V / 200~240V , 3-phase 200~240V / 180VA (with automatic thread trimmer)
Machine head weight	71kg

\*"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

[With automatic thread trimmer]

Head type	Code	Gauge type	Code	Control Box	Code
2.7 fold-capacity and shorter-thread remaining type	28	gauge for europe	A	SC-922	7

**LU2828A70BBS**

Wiper and one-touch type reverse feed			Automatic foot lifter	Code	Alternating vertical dial	Code
Wiper	One-touch type reverse feed	Code	Provided (pedal-driven)	B	Provided	S
Not provided	Provided	0B				

### Control box

**SC922B**

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

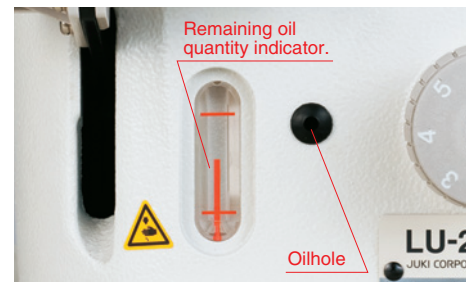
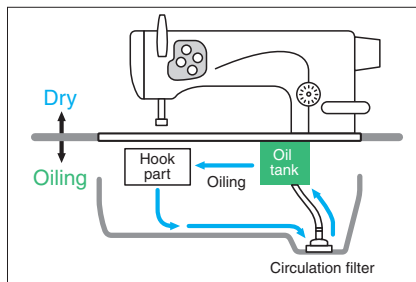
### Operation panel

**CP18C  
CP180C**

● To order, please contact your nearest JUKI distributor.

## New-type tank style automatic lubrication mechanism has been adopted.

The oil dropped from the hook and its surrounding sections into the under-cover is filtered to remove dirt and dust and is then returned to the oil tank. This method saves the effort of oiling and reduces oil consumption. The remaining oil quantity indicator is provided on the front face of the machine head. Lubrication can be carried out without tilting the machine head.



### JUKI ECO PRODUCTS

The LU-2800 Series 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.