

## LU-2810ESAL-7

Semi-dry Direct-drive, High-speed, 1-needle, Unison-feed, Lockstitch Machine with Vertical-axis 2.0 Fold-Capacity Hook with automatic thread trimmer (long-pitch type)

## LU-2818ESAL-7

Semi-dry Direct-drive, High-speed, 1-needle, Unison-feed, Lockstitch Machine with Vertical-axis 2.7 Fold-Capacity Hook with automatic thread trimmer (long-pitch type)

### Maximum sewing speed is increased

1-needle, unison-feed, lockstitch machine with vertical-axis large hook (long-pitch type)

This sewing machine is best-suited to the sewing of multi-layered materials and rigid materials for car seats, air bags and furniture.



LU-2810ESAL-7

### Maximum sewing speed is increased

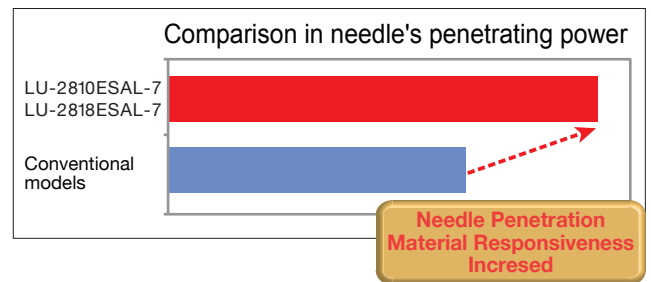
Increased maximum sewing speed of 3,800 sti/min\* (LU-2810ESAL-7, 2.0 fold-capacity hook) and 3,500 sti/min\* (LU-2818ESAL-7, 2.7-fold-capacity hook) is achieved.

These models of sewing machines demonstrate increased productivity particularly when sewing long materials.

(\* The maximum sewing speed varies depending on sewing conditions.)

### Responsiveness to materials is improved

- Thick thread of count 0 which is best suited to the sewing of decorative stitches on furniture is applicable to these models of sewing machines.
- These models of sewing machines have adopted a 800-W DD (direct-drive) motor which uses a new control box to increase the torque, thereby providing the needle with an increased penetration into materials.



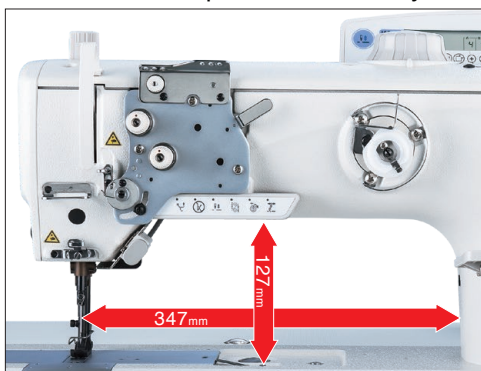
### Environmental friendliness is enhanced

In comparison with the conventional models, these new models of sewing machines have been newly designed to achieve reduced noise and vibration.

### Functions for improving seam quality and workability.

High and long arm has been adopted.

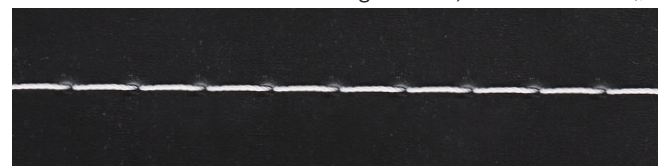
The long distance from the machine arm to the needle contributes to improved workability.



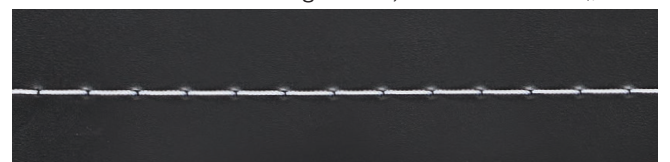
### Long-pitch

Long pitch sewing is suitable for decoration sewing of furniture etc. The maximum stitch length is 12mm at the pitch dial.

LU-2810ESAL-7 Max.stitch length:12mm,Max.thick thread:#0



LU-2810-7 Max.stitch length:9mm,Max.thick thread:#5



## SPECIFICATIONS

Model name	LU-2810ESAL-7	LU-2818ESAL-7
Type	1-needle, Vertical-axis 2.0 Fold-Capacity Hook with automatic thread trimmer (long-pitch type)	1-needle, Vertical-axis 2.7 Fold-Capacity Hook with automatic thread trimmer (long-pitch type)
Max. sewing speed	3,800sti/min	3,500sti/min
Max. stitch length	12mm	
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	
Bottom-feed micro-adjustment mechanism	Provided as standard	
Hook	Vertical axis 2.0 fold-capacity hook	Vertical axis 2.7 fold-capacity hook
Needle	135x17 Nm160 (Nm125~Nm200)	
Thread	#30~#0, Nm=60/3~9/3	
Lubrication	Semi-dry head 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)	
Machine head weight	66kg	
Control box	SC-923	

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

## WHEN YOU PLACE ORDERS

### Machine head [1-needle type]

Head type	Code	Gauge type	Code	Wiper and one-touch type reverse feed		
2.0 fold-capacity hook and long-pitch type	10	Gauge for europe	AL	Wiper	One-touch type reverse feed	Code
2.7 fold-capacity hook and long-pitch type	18			Not provided	Provided	0B

**LU28**   **ESAL70** **BBS**

Speed type	Code	Control Box	Code	Automatic foot lifter	Code	Alternating vertical dial	Code
High-Speed	ES	SC-923	7	Provided (pedal-driven)	B	Provided	S

### Control box

**SC923B**

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**

### JUKI ECO PRODUCTS

The LU-2810ESAL-7 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.