

## LU-2800-6 Series

Unison-feed, Lockstitch Machine with automatic thread trimmer of V-Belt type



High and long arm has been adopted.

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

**The V-belt type machine head** is added to the machine lineup following the Direct-Drive type.



LU-2810-6

1-needle  
type

1-needle, Vertical-axis Large Hook

# LU-2810-6

1-needle, Vertical-axis 2.7 Fold-Capacity Hook  
(needle thread roll-in and shorter - thread remaining type)

# LU-2828-6



LU-2860-6

2-needle  
type

2-needle, Vertical-axis Large Hook

# LU-2860-6

# Functions for improving seam quality and workability.

## LU-2810-6

Semi-dry, 1-needle, Unison-feed, Lockstitch Machine with Vertical-axis Large Hook

## LU-2860-6

Semi-dry, 2-needle, Unison-feed, Lockstitch Machine with Vertical-axis Large Hook

High and long arm has been adopted. The machine is suited to the sewing of car seats, sofas and bags. It is a sewing machine provided with dramatically improved workability and functions which are required for sewing large products and extra heavy-weight materials.



LU-2860-6

## LU-2828-6

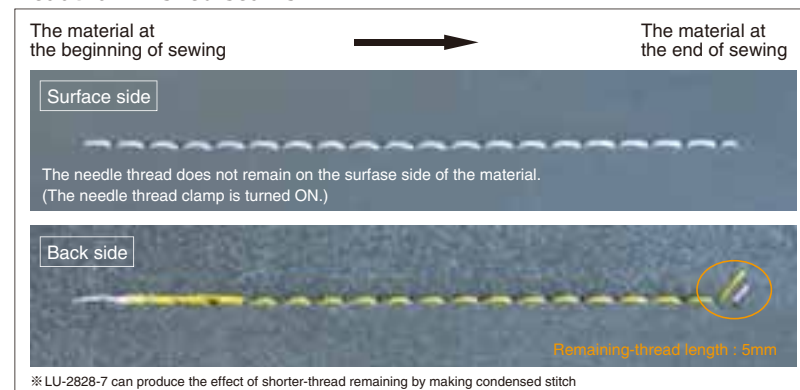
Semi-dry, 1-needle, Unison-feed, Lockstitch Machine with Vertical-axis 2.7 Fold-Capacity Hook (needle thread roll-in and shorter-thread remaining type)

This is a high-performance machine which no longer requires thread picking at the beginning and end of sewing.



LU-2828-6

### Beautiful finished seams

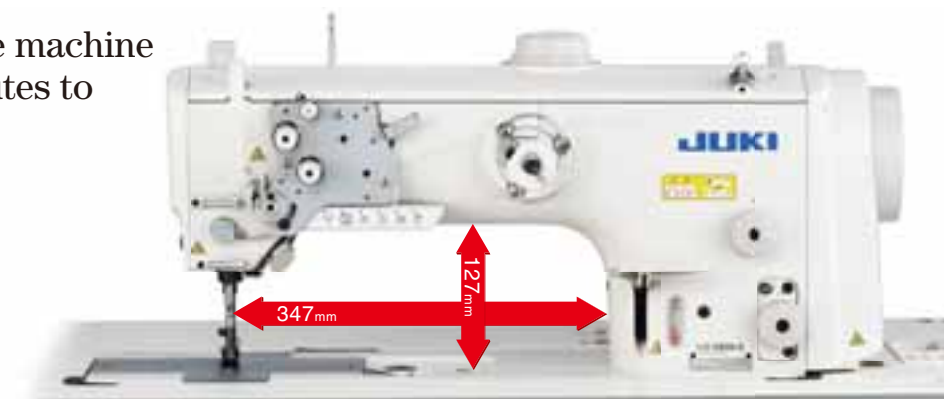


### The shorter-thread trimming mechanism (needle thread roll-in and shorter-thread remaining type)

The thread trimming mechanism has been completely renewed. The industry's shortest remaining thread length achieved by trimming the thread close to the fixed knife at the last stitch (condensed stitch). (The length of remaining needle thread is 5mm)



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



LU-2828-6

## Dramatically advanced availability for material

### Multi-functional 6-string switch

In addition to the one-touch type reverse feed switch, a multi-functional 6-string switch is also provided.

- ① Alternating vertical movement of the walking foot and presser foot changeover
- ② Automatic reverse feed stitching prohibition
- ③ One-stitch correction
- ④ Stitch length changeover
- ⑤ Tension disk No.1 open/close
- ⑥ Needle thread clamp



### Double tension provided as standard

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

When the needle thread clamp at the beginning of sewing is turned ON, the needle thread is not remained on the front side.

### 2.0 / 2.7 fold-capacity hook

With the adoption of this vertical-axis 2.0 / 2.7 fold-capacity hook, the frequency of bobbin thread winding is reduced, promising sewing work of increased efficiency. The hook which can be adjusted with screw amount of needle guard contact to needle.

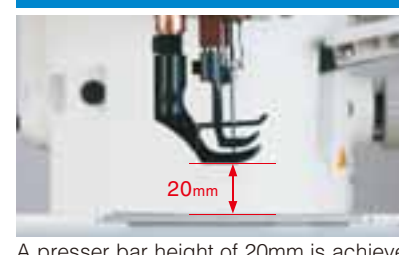


### Walking-foot/presser-foot alternating vertical movement mechanism



The adopted feed mechanism makes up less variance of the balance of the alternating vertical movement amounts. The maximum presser foot lift is 9mm which can be adjusted with ease by the large dial on top of the machine head.

### Higher lift of the presser bar



A presser bar height of 20mm is achieved when using the automatic presser bar lifting lever. Thanks to this feature, the process of joining leather and heavy-weight sponges, which are usually used as materials for expensive sofas, can be carried out with ease.

### Stitch length can be changed over among different lengths.



The sewing machine with a thread trimmer is provided as standard with a 2-pitch dial. One unit of this sewing machine is able to sew different sewing lengths since the sewing length can be instantaneously changed over.

### New bobbin thread spool device



New bobbin thread spool device is no necessity of winding thread manually. The spool device easy starts winding thread just by setting the bobbin.

### Eccentricity of the feed driving cam is adjustable.



Adjustment of the eccentricity of the feed driving cam has been enabled. As a result, the sewing machine is able to perform sewing with the feed that is best-suited to the material and thread used. It is no longer necessary to prepare other subclass model sewing machines.

### New lubrication system



Lubrication system is powerful and stable even low speed.



## ATTACHMENTS

### Suspended ruler H152

Description	Parts No.
Suspended ruler (asm.) H152	MAH-152010A0
Screw*	SM6061402TP x2

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

### Presser foot with center guide (LU-2860-6 : for europe gauge)

Needle Gauge	Parts No.
B : 6mm	40038810
C : 8mm	40038808
D : 10mm	40038806
E : 12mm	40038802

\*For standard gauge, please contact your nearest JUKI distributor.

### Slide plate with window

Description	Parts No.
Slide plate with window (LU-2810/60) (right or left)	40133312
Slide plate with window (LU-2828) (right)	40155087

## SPECIFICATIONS

Model name	LU-2810-6	LU-2860-6	LU-2828-6
Type	1-needle (with automatic thread trimmer of V-Belt type)	2-needle (with automatic thread trimmer of V-Belt type)	1-needle (with automatic thread trimmer of V-Belt type)
Max. sewing speed	3,000sti/min	2,700sti/min	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		
Bottom-feed micro-adjustment mechanism	Provided as standard		
Hook	Vertical axis 2 fold-capacity hook	Vertical axis 2.7 fold-capacity hook	
Needle	135x17 Nm160 (Nm125~Nm180)	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)		
Machine head weight	62kg	67kg	62kg

\*"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

[ 1-needle (with automatic thread trimmer) ]

LU28    60BBS

Head type	Code	Gauge type	Code	Wiper and one-touch type reverse feed		Automatic foot lifter	Code	Alternating vertical dial	Code
Standard type	10	Standard gauge	S	Wiper	One-touch type reverse feed	with AK (pedal-driven)	B	Provided	S
2.7 fold-capacity hook and shorter-thread remaining type	28	gauge for europe	A	Not provided	Provided				

\*LU-2828 can be select only "A"

### Machine head

[ 2-needle (with automatic thread trimmer) ]

LU2860   60BBS

Needle Gauge		Code	Needle Gauge		Code
3.2mm	C		4mm	A	
4.8mm	D		6mm	B	
6.4mm	F		8mm	C	
7.9mm	H		10mm	D	
9.5mm	K		12mm	E	
12.7mm	L				

\* In case of "S" type in Gauge type, please choose from below.

\* In case of "A" type in Gauge type, please choose from below.

Automatic foot lifter		Code	Alternating vertical dial		Code
with AK (pedal-driven)		B	Provided		S

### JUKI ECO PRODUCTS

The LU-2800-6 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.

\*Above-mentioned JUKI ECO PRODUCTS is data of LU-2810-6 (with automatic thread timer).

● To order, please contact your nearest JUKI distributor.



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.