

LU-2860-7

Direct-drive, 2-needle, Unison-feed, Lockstitch Machine with Vertical-axis Large Hook

LU-2860

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

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

A unison-feed, Lockstitch machine with a vertical-axis large hook providing substantially improved functions and performance.



LU-2860S-7-0B
(With automatic thread trimmer)



● **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.

Functions for improving seam quality and workability

Double tension provided as : standard

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

Multi-functional 6-string switch (with automatic thread trimmer)

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.

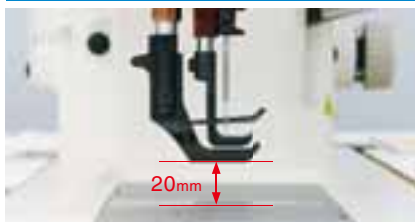


New bobbin thread spool device



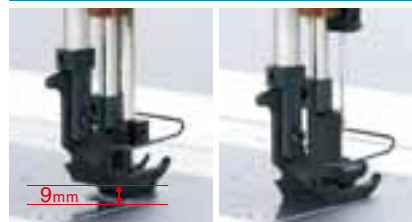
New bobbin thread spool device is no necessity of rolling thread manually.

Higher lift of the presser bar



A 20mm presser bar lift is achieved by automatic presser bar lift, which provides easy operation for joining leather and thick sponges often applied to making luxurious sofas.

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.

2 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.

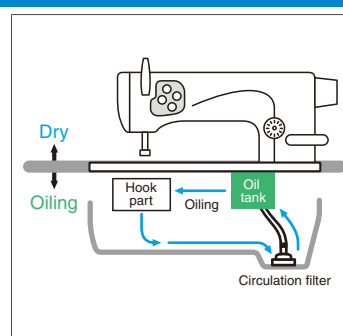
Eccentricity of the feed driving cam is adjustable.



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-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.



■ ATTACHMENTS

Suspended ruler H152

Description	Parts No.
Suspended ruler (asm.) H152	MAH-152010A0
Suspended ruler adapter plate	40112214
Screw	SM6051402TP x2
Screw	SM6061402TP x2

Presser foot with center guide (for europe gauge)

Needle Gauge	Parts No.
6mm	40038810
8mm	40038808
10mm	40038806
12mm	40038802

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

Slide plate with window

Description	Parts No.
Slide plate with window (right & left)	40133312

■ SPECIFICATIONS

Model name	LU-2860	LU-2860-7
Type	2-needle	2-needle with automatic thread trimmer
Max. sewing speed	2,700sti/min	
Max. stitch length	9mm	
Stitch length dial	1 pitch dial	2 pitch dial
Presser foot	Auto: 20mm, By hand: 10mm	
Auto lifter	Option	Provide as standard
Alternating vertical movement	1~9mm	
Alternating vertical movement adjusting method	Large dial	
DL device	—	
Needle thread tension	Double-tension	Single/Double-tension
Hook	Vertical axis 2 fold-capacity hook	
Bottom-feed micro-adjustment mechanism	Provided as standard	
Needle	135x17 Nm160 (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 / 110VA
Machine head weight	61kg	66kg

*"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 [V belt without automatic thread trimmer]

Gauge type	Code	Alternating vertical dial	Code
Standard gauge	S	Provided	S
gauge for europe	A		

LU2860 **S**

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

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

Needle Gauge	Code	Needle Gauge	Code
4.8mm	D	6mm	B
6.4mm	F	8mm	C
7.9mm	H	10mm	D
9.5mm	K	12mm	E

Machine head [Direct-drive with automatic thread trimmer]

Gauge type	Code	Control Box	Code	Automatic foot lifter	Code	Alternating vertical dial	Code
Standard gauge	S	SC-922	7	Provided (pedal-driven)	B	Provided	S
gauge for europe	A						

LU2860 **70BBS**

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

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

Needle Gauge	Code	Needle Gauge	Code
4.8mm	D	6mm	B
6.4mm	F	8mm	C
7.9mm	H	10mm	D
9.5mm	K	12mm	E

Wiper and one-touch type reverse feed		
Wiper	One-touch type reverse feed	Code
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

JUKI ECO PRODUCTS

The LU-2860 Series is an eco-friendly product which complies with JUKI ECO PRODUCTS standards for protecting the environment.



- This sewing machine reduces power consumption by 37% as compared with the conventional models.
- As compared with the conventional model, LU-2860 Series reduces noise by 8.0 dB.
- 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

*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-2860-7 (with automatic thread trimmer).

● To order, please contact your nearest JUKI distributor.



JUKI CORPORATION HEAD OFFICE

Juki Corporation operates an environmental management system to promote and conduct the following as the company engages in the research, development, design, sales, distribution, and maintenance of industrial sewing machines, household sewing machines, industrial robots, etc., and in the provision of sales and maintenance services for data entry systems:
(1) The development of products and engineering processes that are safe to the environment
(2) Green procurement and green purchasing
(3) Energy conservation (reduction in carbon-dioxide emissions)
(4) Resource saving (reduction of papers purchased, etc.)
(5) Reduction and recycling of waste
(6) Improvement of logistics efficiency (modal shift and improvement of packaging, packing, etc.)

JUKI®

2-11-1, TSURUMAKI, TAMA-SHI,
TOKYO 206-8551, JAPAN
PHONE : (81) 42-357-2254
FAX : (81) 42-357-2274
<http://www.juki.com>

JUKI CORPORATION
SEWING MACHINERY BUSINESS UNIT

* 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.