

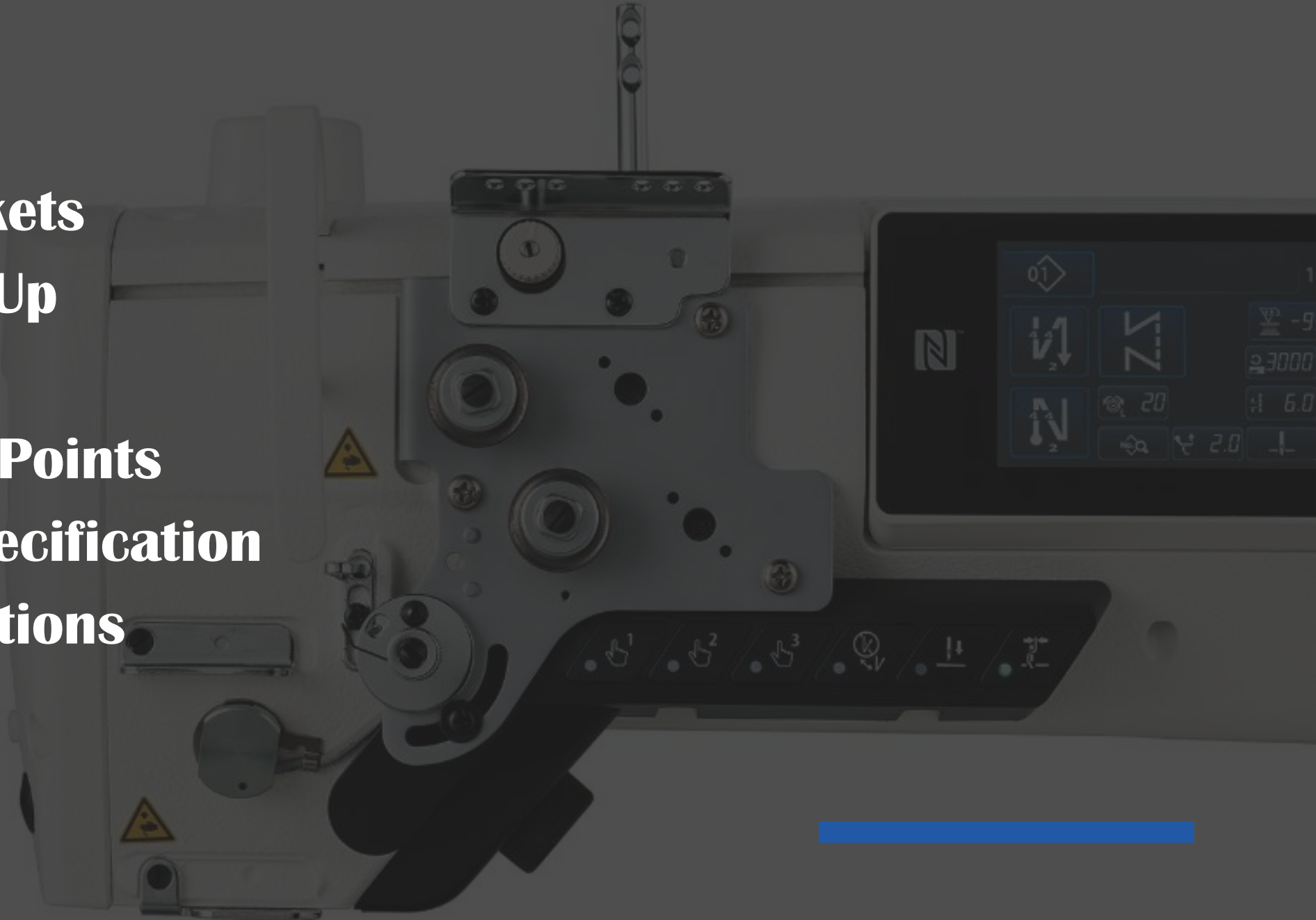
JUKI

LU-2828V-7

High-speed, semi-dry head, 1-needle, unison-feed sewing system with vertical-axis 2.7-fold capacity hook (shorter-thread remaining type)



- **Target Markets**
- **Model Line Up**
- **Appearance**
- **Key Selling Points**
- **Machine Specification**
- **Machine Options**



Target Markets

- Target industries
 - Manufacturers of automotive interior parts, bags, furniture, other leather products, etc.
- Target processes
 - Topstitching process, run stitching process, etc.



The JUKI logo is displayed in blue capital letters in the top left corner of the slide. The background of the slide features a close-up, slightly blurred image of a JUKI industrial sewing machine, showing the needle, foot, and control panel with various buttons and dials.

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Model Line Up

LU2828VA7NBBS^Z

- Standard

LU2828VA7NBBS^F

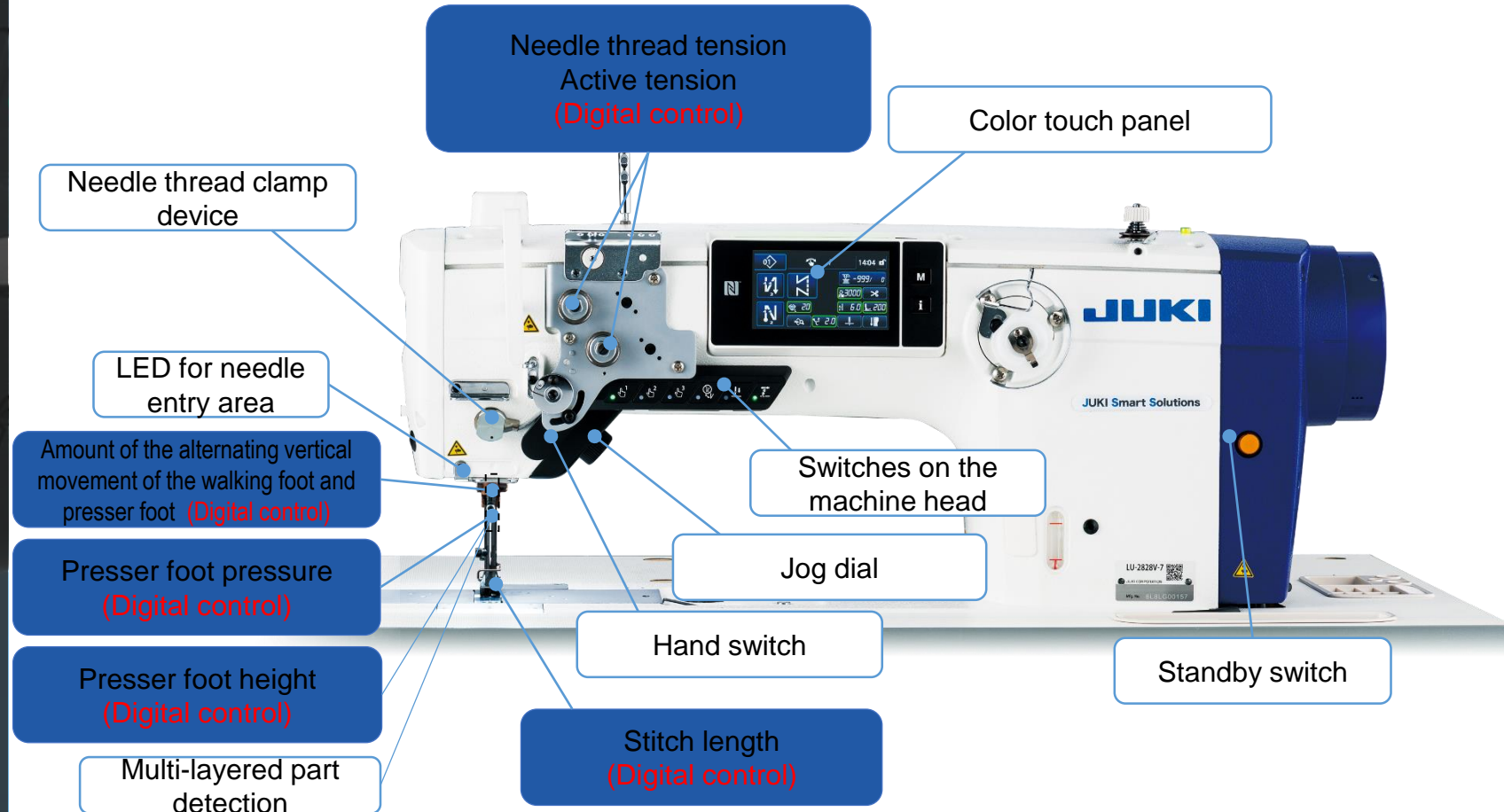
- Provided with protective cover sensors, stitch skipping detecting device and bobbin-thread remaining amount detecting device

Electrical box classification (DD motor)

- SC-952A
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- A solid blue horizontal bar is located at the bottom right of the slide.

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Appearance



Key Selling Points

- **Digital**
 - **Multi-layered part detecting**
 - **Jog dial**
 - **NFC (Near Field Communication)**
 - **Three different lock**
 - **Consumables replacement-time notification**
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Key Selling Points -Digital

Reproduction of Optimum Sewing Conditions

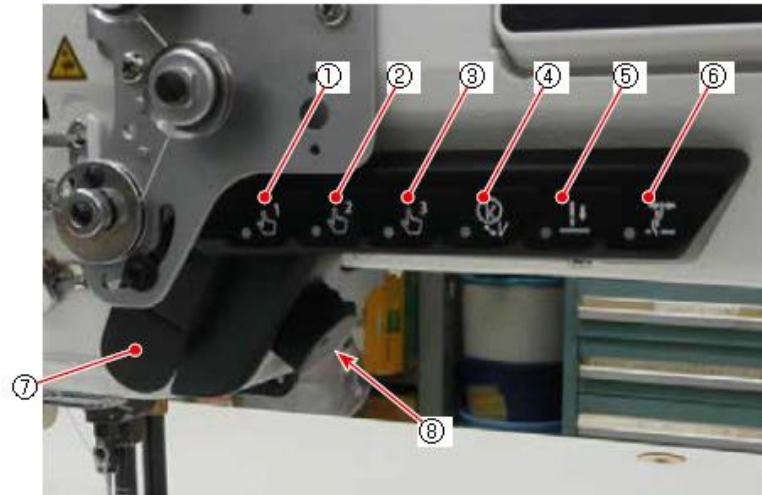
- Data on sewing conditions that are ideally suited for a specific sewing process can be created and stored in a file, and can be reproduced at any time when needed
- Data on sewing conditions carefully created on the control panel can be saved in the main body of sewing machine and in a USB flash drive



Key Selling Points -Digital

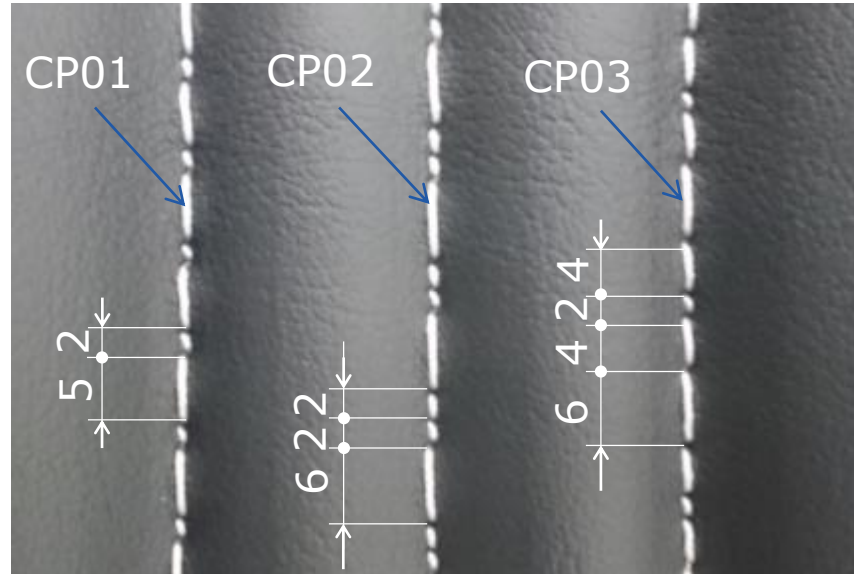
One-Touch Changeover Switches

- Sewing conditions (stitch length, needle thread tension, alternate vertical movement amount, pressure foot pressure and sewing speed) can be changed with a single touch of the one-touch changeover switches



Combining Various Stitch Lengths

Key Selling Points -Digital



<Custom-pitch setting screen>



- A sewing pattern that combines many different stitch lengths can be created with ease by setting the custom pitches

Key Selling Points

-Multi-layered part detecting

Material Thickness Detector

Multi-layered part : $\pm 0\text{mm}$
Stitch length : 3.0mm
Alternating vertical movement : 2.0mm
Needle thread tension : 60
Presser foot pressure : 40

Multi-layered part : +1.5mm
Stitch length : 3.0mm
Alternating vertical movement : 4.0mm
Needle thread tension : 80
Presser foot pressure : 70



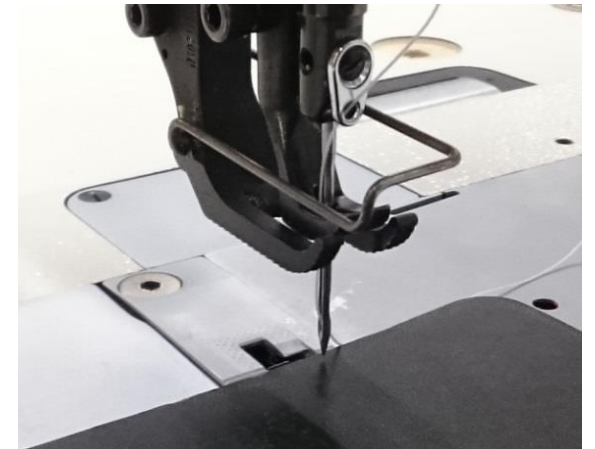
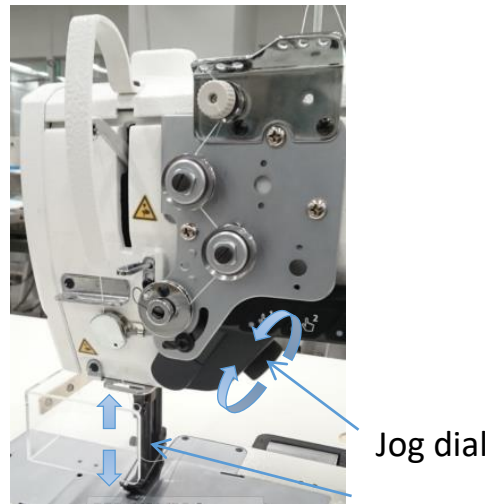
- The multi-layered detection function detects a change in the material thickness to allow the digital sewing machine to change over the set values.
- Ensures precise seams on uneven material
- The sewing conditions for the multi-layered part of materials must be set in prior to sewing under the multi-layered part changeover ON sensor value teaching mode

Key Selling Points

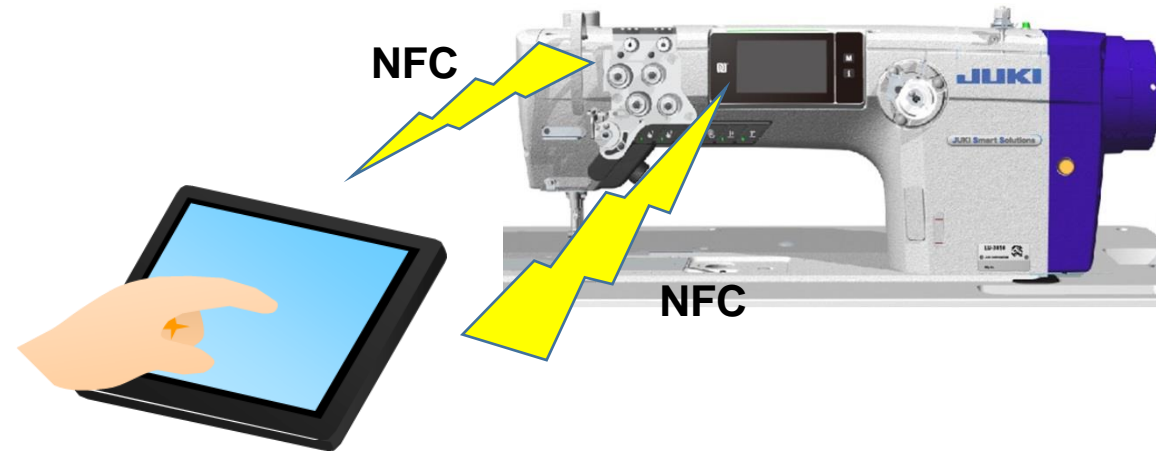
-Jog dial

Improvements in Operability

- The operator is able to turn the main shaft (for moving the needle bar up and down) only with the jog dial without stretching his/her arm to the handwheel
- With the jog dial, the operator can start sewing after visually checking the needle entry with ease



Key Selling Points -NFC

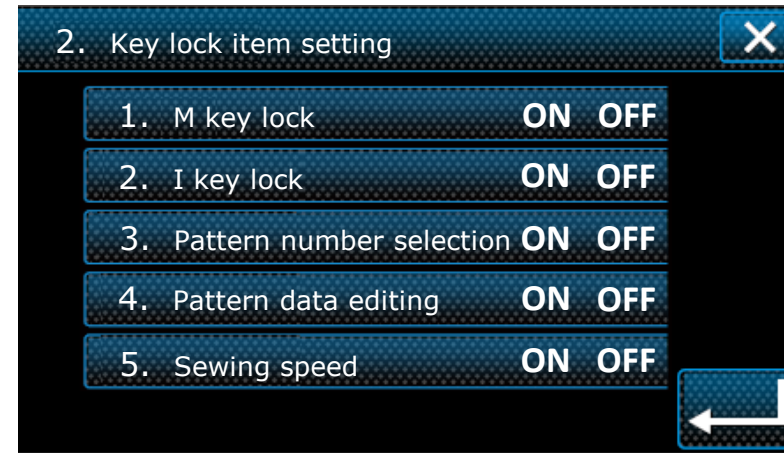


- Transfer of data such as sewing machine adjustment data can be transferred between the main body of sewing machine and the NFC-ready Android tablet. In addition, since the operation panel is provided as standard with the USB port, data can be stored on a USB flash drive and can be copied to other sewing machine(s)

Key Selling Points

- Three different lock

Operation Lock Functions

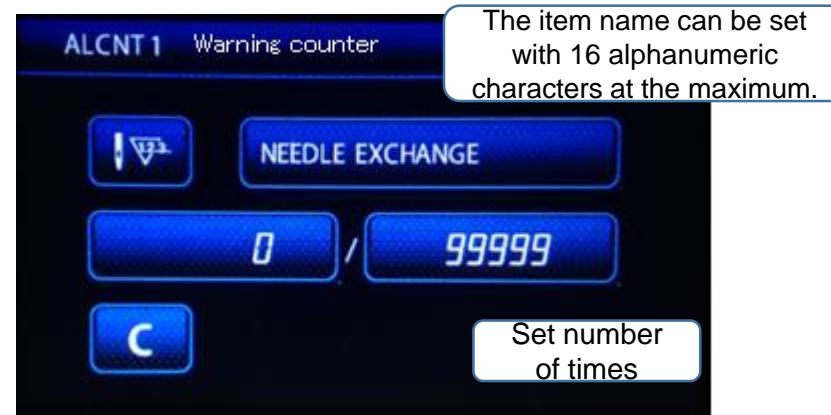


- Three different operation lock functions (**password/USB flash drive/NFC**) are available
- For the five items listed on the screen shown on the right, the operation lock can be applied
- When "4. Pattern data" is applied with the operation lock, the operator is no longer able to collectively modify all of sewing data at a time

Key Selling Points

-Consumables replacement-time notification

Consumables Replacement Notification



- The sewing machine is provided with the function for notifying the replacement time of consumable parts such as a needle, which reminds the operator that the preset values of the number of stitches, operating time, power-ON duration and the number of times of thread trimming are reached
- As many as five different items can be set simultaneously
 - Replacement time of needle => Number of stitches
 - Replacement time of hook => Number of stitches
 - Replacement time of oil used => Operating time
 - Replacement time of thread trimming knife => Number of times of thread trimming

The JUKI logo is displayed in blue capital letters in the top left corner of the image.

Machine Specification

	LU-2828V-7 (1-needle)
Type	1-needle, unison-feed, lockstitch sewing machine with shorter-thread remaining thread trimmer (digital control)
Maximum sewing speed	3,500sti/min (P=6mm or less, DL=3mm or less)
Stitch length	0~9.0mm (digital control)
Lifting amount of presser foot	0~20mm (digital control)
Alternating vertical movement (DL)	0~9.0mm (digital control)
Needle thread tension	0~200 (digital control) max:21.6N
Presser foot pressure	0~200 (digital control) max:137.2N
Length of needle thread remaining on the material after thread trimming	5mm
Hook size	Vertical-axis 2.7-fold capacity hook
Needle	134×35 Nm140 (#22) Nm125~180 (#20~#24)
Thread count	60/3~20/3 (#30~#5)
Gauge type	Gauge for Europe (A type) only
Machine head weight	66kg

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Machine Options

- **Reverse feed stitching lever kit**
 - **Independent bobbin winder**
 - **Digital suspended ruler**
 - **Machine head damper device**
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Thank You

