

# UT59 Device for MF-7900/U11, H22, H23 Series

Pneumatic type Top and bottom thread trimming device  
with Thread-fray-prevention function

# JUKI

**ECO**  
JUKI ECO PRODUCTS

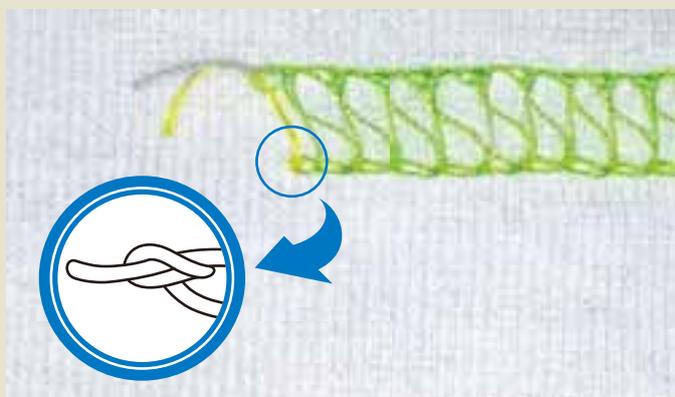


**MF-7900** Series  
**MF-7900D** Series  
〈Thread-fray-prevention function〉

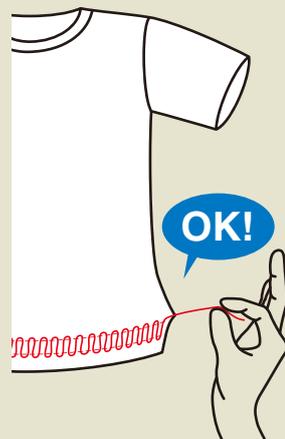
# UT59

## “Knot-Tying”

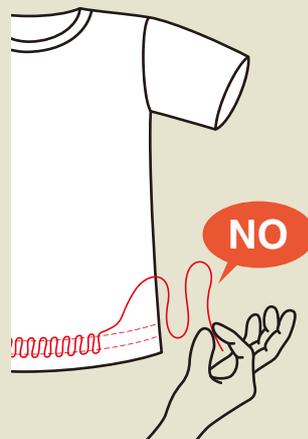
The thread won't be frayed by making a knot at the end of sewing.



● with thread-fray-prevention



● without thread-fray-prevention



JUKI ECO PRODUCTS



The MF-7923U11B56/UT59 is an eco-friendly product which complies with JUKI ECO PRODUCTS standards for protecting the environment.

- This sewing machine reduces power consumption by 27% as compared with the conventional models.
- 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.

## "Knot-Tying"



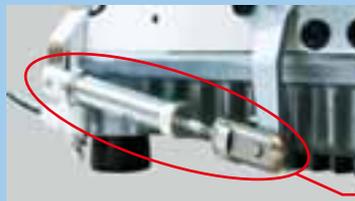
### ● Thread Hook

Clamp the needle thread without fail and wait at the standby position for making a knot.



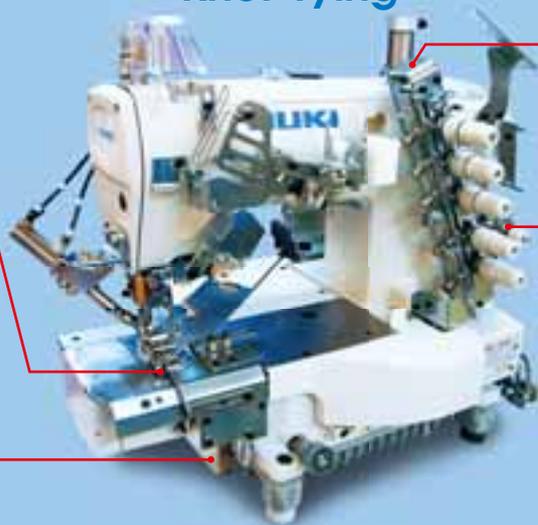
### ● Thread Tension Release

Secure a smooth stream of thread by releasing the tension on the needle thread hook.



### ● Short Stitch

The thread won't be easily loose by making the pitches shorter at the end.



### ● Lower Looper Thread Tension Nut

Change the stitches from short stitch at the end to regular stitch by adjusting the amount of thread distribution.

## SPECIFICATIONS (U11, H22, H23)

| Model name                            | MF-7900 series                                                                                | MF-7900D series                         |
|---------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------|
| Max. sewing speed                     | 6,000 sti/min*                                                                                | 5,000 sti/min*                          |
| Stitch type                           | 3-needle top and bottom covering stitch                                                       | 3-needle top and bottom covering stitch |
| Needle                                | UY128GAS (#10S) #9~#12S                                                                       |                                         |
| Lift of the presser foot              | 5mm (with top and bottom covering stitch),<br>8mm (with bottom covering stitch)               |                                         |
| Lubricating oil                       | JUKI Machine Oil 18 (equivalent to ISO VG18)                                                  |                                         |
| Power requirement / Power consumption | Single-phase 100~120V / 200~240V,<br>3-phase 200~240V / 500VA (with automatic thread trimmer) |                                         |
| Weight of the machine head            | U11                                                                                           | 44kg (with UT59)                        |
|                                       | H22, H23                                                                                      | 45kg (with UT59)                        |

\* "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:

### MF-7900

● With automatic thread trimmer (Direct-drive motor)

| Stitch type                          | Code | Tongue shape of throat plate | Code | Needle gauge | Code |
|--------------------------------------|------|------------------------------|------|--------------|------|
| 3-needle, top and bottom coverstitch | 23   | B type                       | B    | 5.6mm        | 56   |
|                                      |      |                              |      | 6.4mm        | 64   |

**MF7923** □ □ □ □ **B** □ □ / □ □ □ □ / □ □ □ □

| Application                                                          | Code | Thread trimming device                                                                    | Code |
|----------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------|------|
| Universal type                                                       | U11  | Pneumatic type top and bottom thread trimming device with thread-fray-prevention function | UT59 |
| Hemming (with left hand fabric trimmer, for light-weight materials)  | H22  | Pneumatic cloth chip suction device (electromagnetic valve type)                          | MC37 |
| Hemming (with left hand fabric trimmer, for medium-weight materials) | H23  |                                                                                           |      |

■ Control box **SC-921B**    ■ Operation panel **CP-18B**

### MF-7900D (Semi-dry-head)

● With automatic thread trimmer (Direct-drive motor)

| Stitch type                          | Code | Tongue shape of throat plate | Code | Needle gauge | Code |
|--------------------------------------|------|------------------------------|------|--------------|------|
| 3-needle, top and bottom coverstitch | 23   | B type                       | B    | 5.6mm        | 56   |
|                                      |      |                              |      | 6.4mm        | 64   |

**MF7923D** □ □ □ □ **B** □ □ / □ □ □ □ / □ □ □ □

| Application                                                          | Code | Thread trimming device                                                                    | Code |
|----------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------|------|
| Universal type                                                       | U11  | Pneumatic type top and bottom thread trimming device with thread-fray-prevention function | UT59 |
| Hemming (with left hand fabric trimmer, for light-weight materials)  | H22  | Pneumatic cloth chip suction device (electromagnetic valve type)                          | MC37 |
| Hemming (with left hand fabric trimmer, for medium-weight materials) | H23  |                                                                                           |      |

■ Control box **SC-921B**    ■ Operation panel **CP-18B**

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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.



**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.)