

Shirt Front Creasing Machine  
Model U-4202-E  
Model U-4202-E/PS (with Heat Presser)



Inverter for Vacuum Suction

It allows the operator to adjust the intensity of vacuum suction.



Thread Breakage Detector

It detects the breakage of needle thread and minimizes the loss of materials.



Optional Accessory

Marking Light: It is useful in case plaid matching (vertical stripe) is required.



Compatible with “Double-Fold without Stitching” Front Placket Specification \*PS Model **NEW**

One of the shirt front placket specifications is “double-fold without stitching.” A mode specialized for this specification is newly included in the U-4202 as standard. When you select “MACHINE SET OFF” on the LCD touchscreen, the function of the sewing head and the sensor that detects the edge of the fabric are canceled, so the material, after being double-folded, is sent to the heat presser at high speed without slowing down at the area below the needle. Since stitching is canceled, the cycle time can definitely be shortened. The required procedure to activate/deactivate this mode is to press the touchscreen, no need to attach or detach needle, so the operator can instantly switch between “Double-Fold + Stitch + Press” mode and “Double-Fold + Press” mode.

Specifications	
★ Sewing Head	JUKI DDL-9000C (Direct-drive, 1-needle lockstitch, with Thread Trimmer)
★ Sewing Speed	Max. 4,000 rpm
★ Needle Stroke	35 mm
★ Needle	DP x 5 (134) #9 ~ #14
★ Effective Sewing Stroke	850 mm
★ Transport Stroke	1,000 mm
★ Placket Width	15 ~ 35 mm
★ Guide Rail Up/Down Stroke	15 mm
★ Table Height	930 mm
★ Power Consumption	200 V / AC 950 VA 200 V / AC 300 VA (Heat Press device only, PS model)
★ Air Consumption	0.5 MPa, 30ℓ/min.
★ Dimensions	W 2,100 x D 1,000 x H 1,350 mm

Applications ※PS model	
★	Shirt under front placket, full-double-fold, press (Stacker applicable)
★	Shirt pocket-top hem, full-double-fold, press (multiple pieces processible at once)
★	Shirt short sleeve hem, full-double-fold, press (Stacker applicable)
★	Shirt yoke with back panel, 3-layer, run stitch (Stacker applicable)

Related Models:

Crewless model with auto fabric loader:  
U-4202-E/AUT

Configurations	
★	Powerful Vacuum Suction (with Inverter)
★	LCD Touchscreen
★	Heat Presser (with Temp. Adjuster and Timer) *PS Model
★	Guide Rail Track Keeper
★	Bobbin Thread Counter
★	Stacker
★	T.B.D.(Thread Breakage Detector)
★	Casters with Breaks
★	Air Duster Gun

Daily Output	
C/T:	18 sec. 1,600 seams / 8 h.

Bundled Software “FP Data7”

Connecting a PC with this software installed and YUHO automatic sewing machines by a USB cable enable users to report the current status of user's YUHO machine quickly and precisely. This procedure makes YUHO easier to provide quick and appropriate customer support remotely.

In the interests of product improvement, appearance and/or specifications are subject to change without prior notice.

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High-Quality Topstitching of Double-Fold Shirt Front Placket, Enhanced with the Freedom of Freely Adjustable Placket Width.

The operator places a material along the set ruler, and the machine automatically performs the following 4 steps: ① Full double-folding → ② Stitch sewing → ③ Heat pressing\*1 → ④ Stacking. During steps ③ and ④, U-4202's highly efficient overlap workflow design allows the operator to load the following material. \*1: PS model

Excellent mechanical design that sews while holding the entire placket area eliminates twisting, enables accurate vertical stripe and placket alignment, and guarantees perfect stitch quality without puckering.

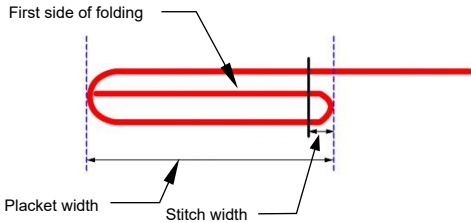






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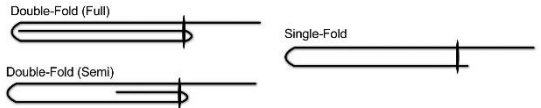
Automating the Hemming of Shirts Under Front Placket

The operator places the shirt's front panel aligned with U-4202's guide ruler. Then, the U-4202 makes: ① Double-fold the entire front panel's front edge, ② Stitch sewing while holding the material down with the guide rail, ③ Heat press placket as the whole area\*, ④ Pile up the material. Processes ① to ④ will be executed as an automatic sequence. The U-4202 allows operators to handle vertically striped fabrics, offering the possibility of accurate alignment of double-fold plackets and stripes. (Note: alignment of stripes and placket must be done manually.)

Instead of using the conventional binder/hemmer, U-4202 incorporates the automatic double-fold mechanism, allowing operators to set and change the width of the front placket instantly at any time.

\*: PS Model

From Full Double Fold to Single Fold



The materials are held by a powerful vacuum suction installed on the surface of the work table of U-4202 and are steadily hemmed by an onboard double-fold device. Immediately after, the materials are conveyed to the needle, securely held by a guide rail, and stitched straightaway.

By adjusting the First.-side Fold Amount Setting Guide,

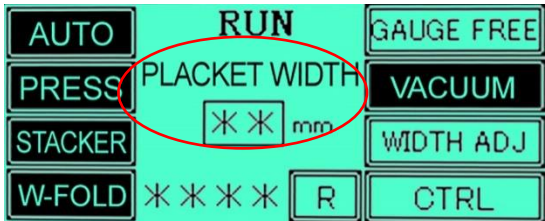
you can easily set and differentiate between a Full-Double-Fold and a Semi-Double-Fold and Single-Fold.

Needle Thread on the Surface Side



The bobbin thread must come to the surface side when making the shirt front placket using the conventional binder/hemmer. U-4202 allows needle thread to appear on the surface side, securing a beautiful stitch seam line.

Set Placket Width Flexibly



The width of the shirt's front under placket can be freely set and changed from 15 mm to 35 mm. The maximum sewing length is up to 850 mm. By entering the digit on the LCD touchscreen, the device will automatically set and change the placket width, so there is no need for any tools or custom binder/hemmer for each size when changing the width of placket.

Intuitive Operation with LCD Touchscreen



Besides the placket width, the operator can set or change various functions and parameters of devices instantly just by touching the LCD. This machine's Intuitive touchscreen

system allows hassle-free operation, even for the less-experienced beginner workers.

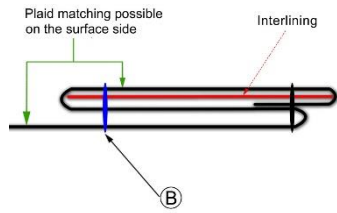
Attaching Labels

Labels such as care labels can be easily inserted into the placket.

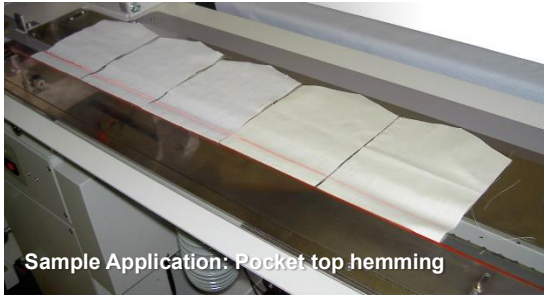


Also for the Shirt Upper Front Placket

As long as the front placket is made with a one-piece structure (as shown below), the U-4202 is also useful for the production of the upper front placket, just by changing the setting of Stopper/Ruler. Although the extra stitching process ⑧ is required separately, this solution has advantages such as ease of plaid matching (horizontal stripe) and ease of inserting interlining.



In addition to the shirt's front placket, U-4202 is also useful for the hemming of small items such as short sleeves and shirt's pocket-top.



Heat Presser with Vacuum Suction ( PS Model )



After the double-fold process, both left and right sides of the front placket are steadily held down by the guide rail and transported under the needle for stitching, then transported again to the heat pressing area. The guide rail releases the material while the vacuum suction keeps the material right under the heat pressing element, and it goes down and presses the material.

Heat pressing temperature, as well as the duration, can be set in detail individually.



Stacker Piles up Materials

After the heat pressing process, the materials are automatically piled up by the stacker device.

Note: Stacker is not effective in case of handling small items such as short sleeves and shirt pockets.



Attention to Detail of the Ease of Maintenance

This machine has a mode in which a series of operating sequences are executed step by step each time the start pedal is pressed, making it easy to check and adjust each device and confirm the sequence order. Also, when performing maintenance on the sewing head, it is possible to easily tilt and tilt back the sewing head to its original position.

