

NEW Top Stitching Yoke Seamer with Center loop & Pleating

Model U-4007-E/01

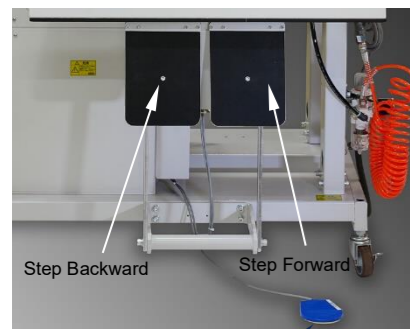
Model U-4007-E/01-SA

Stacker Device Accelerates Productivity

Sewn materials are neatly stacked automatically by the onboard stacker device. Needless to say, proper stacking materials contribute to improving efficiency in the following production processes, accelerating the overall productivity of final products.



Intuitive Knee Switches



Proper use of the keepers (Left/Right/Center) is crucial for setting up layered elements (lower yoke, back panel, upper yoke, and center loop). Using knee switches to operate keepers reduces operators' stress when setting those elements. Because one knee switch acts as a Step Backward, it is convenient if the

operator makes a mistake or wants to step back and redo the same procedure.

Horizontal Stripe Matching Tool



Using the yoke piece with horizontally striped materials requires a line of welt seaming stitches and a line of flipovers on the yoke piece, which must be paralleled with the horizontal stripes. This function allows operators to

match horizontal stripes, seam lines, and the line of flipover on the yoke piece.

Daily Output

*with 20% allowance

<<Run Stitch>>

- ★ Without Pleats: 12 sec./cycle, 1,920 pcs./8 hours
- ★ With Pleats: 17 sec./cycle, 1,280 pcs./8 hours
- ★ With Center Loop: 20 sec./cycle, 1,150 pcs./8 hours

<<Top Stitch/Welt Seaming>>

- ★ With Center Loop: 22sec./cycle, 1,050 pcs./8 hours

Specifications

★ Sewing Head	JUKI MH-481U
	(Single Needle Double Chain Stitch)
	(Lock stitch sewing head is also available upon request)
★ Sewing Head Speed	Max. 5,500 rpm
	Normal 4,500 rpm
★ Needle	TV7 x #11 ~ #14
★ Thread	#60 ~ #80
★ Yoke Folding Margin	8 ~ 12 mm
★ Stitch Margin of Top Stitching	0.5 ~ 2.0 mm
★ Center Pleat Width	30 ~ 40 mm
★ Center Loop Size	Width: 5 mm or more
	Length: 30 ~ 40 mm
★ Side Pleat Width	10 ~ 20 mm
★ Pleat Positions	60 mm ~ 120 mm from L/R ends
★ Max. Sewing Length	Run-Stitch: 640 mm
	Top Stitch/Welt Seaming: 620 mm
★ Rail Feed Stroke (L←→R)	800 mm
★ Guide Rail Up/Down Stroke	15 mm
★ Table Height (mm)	930 mm
★ Power Consumption	200 V / AC 650 VA
★ Air Consumption	0.5 MPa 45 n / min
★ Dimensions	W1,800 x D 900 x H 1,350 mm

Configurations

- ★ LCD Touchscreen
- ★ 12 Yoke attaching styles
- ★ Two sets of Center/Side Pleat Folding Devices
- ★ Pleat Folding Device with symmetrical move mechanism
- ★ L/R Keepers with symmetrical move mechanism
- ★ Center Loop Attaching Device
- ★ Needle-Type Keeper
- ★ Synched move mechanism of Main/Sub Guide Rails
- ★ Vacuum suction functionality on the table surface
- ★ Blower Motor with Inverter
- ★ Yoke Clamping Plate (for flipover the upper yoke piece)
- ★ Two sets of Stepper Motor for adjusting stitch margin (U-4007-E/01-SA only)
- ★ Knee Switches (step forward/step backward)
- ★ Foot Switch (for horizontal stripe matching function)
- ★ Stacker with Turn-Over Bar
- ★ Air Duster Gun

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

 **YUHO SEWING MACHINE CO., LTD.**

since 1968

5-3-1, Biwajima, Nishi-ku, Nagoya 451-0053, Japan

Tel: +81-52-522-6276

Fax: +81-52-531-9270

Email: yuhomac.com

URL: <http://www.yuhomac.com>



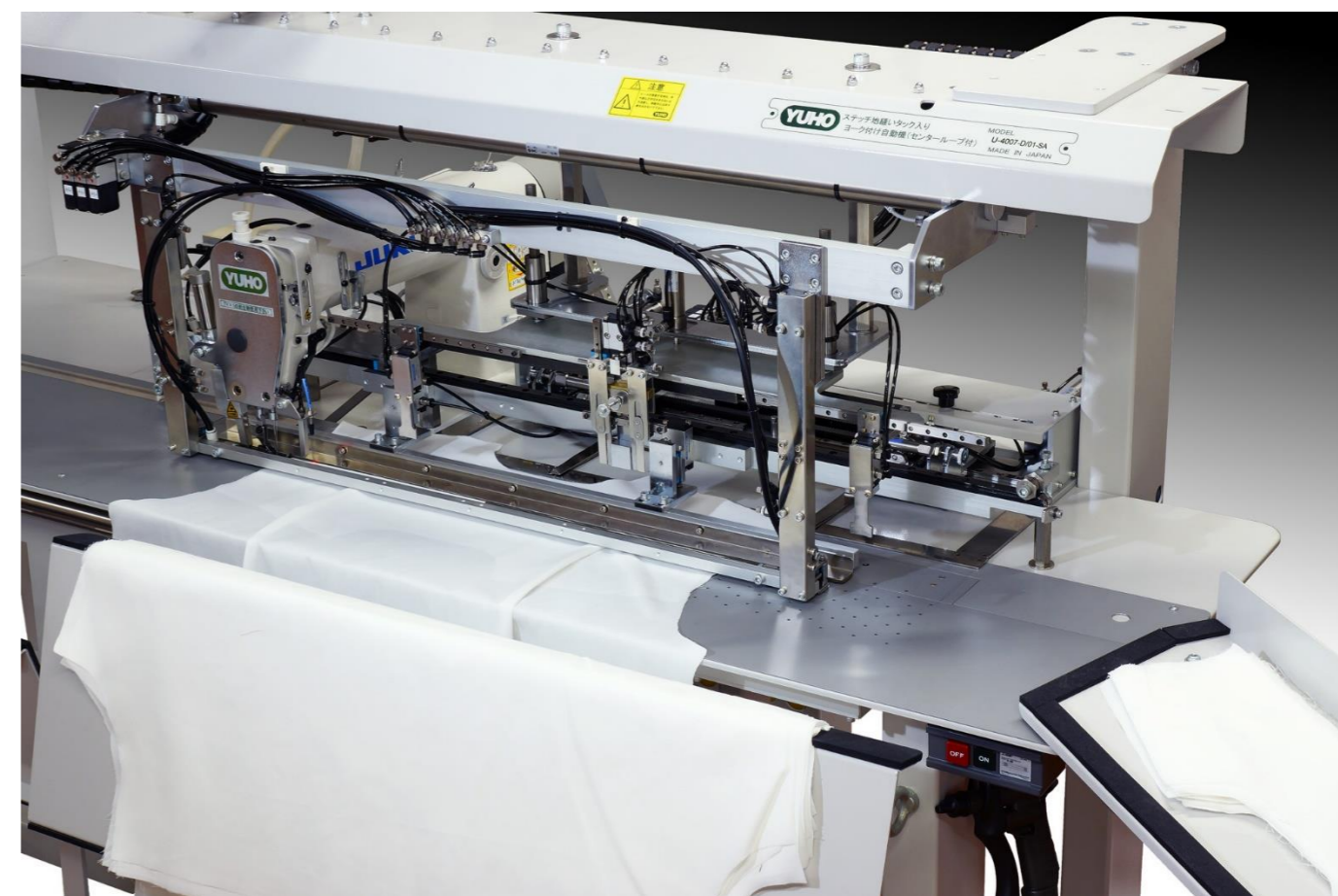
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Model U-4007-E/01

Model U-4007-E/01-SA



Cutting-Edge, Fully Versatile Yoke Attaching Machine Now Launches the SA Edition

This machine is undoubtedly amazing as it attaches the shirt yoke and back panel and simultaneously adds pleats and a center loop. Everything is at your fingertip, whether run stitching or top stitching by welt seaming. Flexibly designed onboard Keeper devices (Left/Center/Right) realize sewing the curved yoke* and back panel. In 2024, as a variant model, YUHO will launch a new "SA" Edition (U-4007-D/01-SA) that lets you quickly and easily adjust the stitching margin by simply inputting values on the LCD touchscreen without any troublesome manual work.

*Depending on various conditions, there may be curves that cannot be handled by this machine.



YUHO SEWING MACHINE

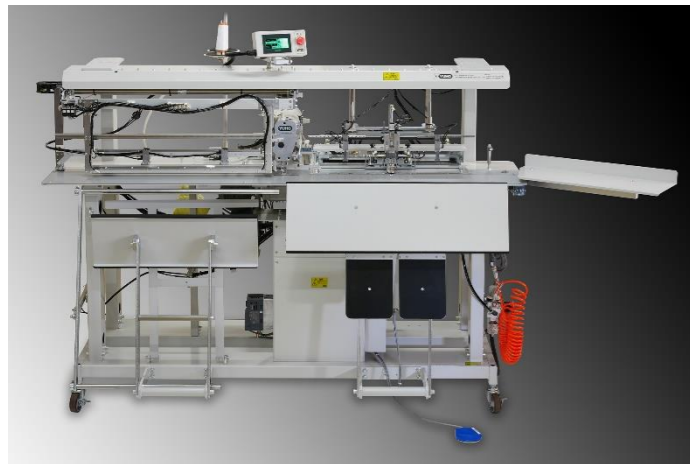
Sep. 2024

YUHO

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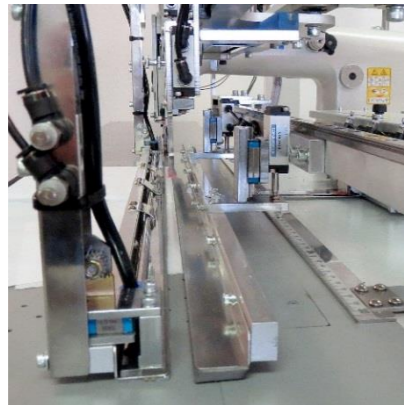
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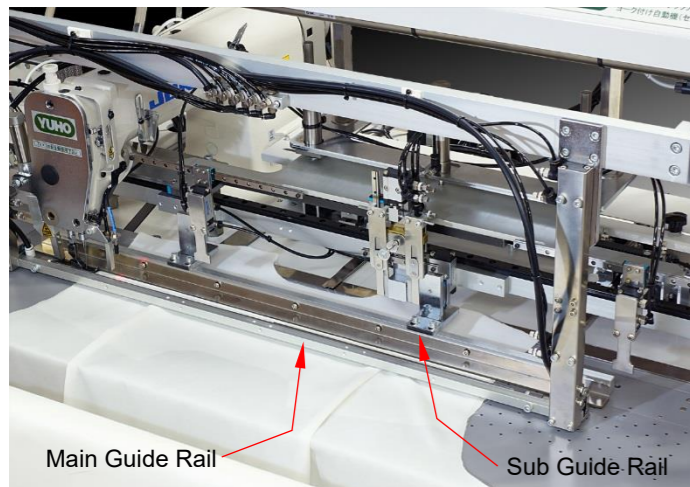


The Most Versatile Yoke-Attaching Machine Ever

U-4007-E/01 accepts a wide range of dress shirt yoke pieces in terms of sewing length from Kids' sizes to 640 mm* extra-large sizes. Besides, this fantastic machine covers 12 types of yoke-attaching styles, allowing operators to select and switch variations instantly without using any tools. In addition to the coverage of functions for adding center/side pleats, the U-4007 incorporates the function of attaching a center loop as well as top stitch/welt seaming functionality just in a sequencing cycle.
 *Max. sewing length: 640 mm/Run-Stitch, 620 mm/Top Stitch



Top Stitching/Welt Seaming with Just One Sequencing Cycle



The U-4007's unique mechanism delivers top stitching/welt seaming on a yoke with just one sequencing cycle. The seam margin for welt seaming is adjustable instantly within 0.5 ~ 2.0 mm. The onboard yoke-flipping device flips over each upper yoke piece quickly, accurately, and reliably. The sub-guide rail holds yoke pieces together with the back panel, and the main guide rail, synched with the sub-guide rail, conveys them to the needle. This mechanism contributes to perfect welt seaming without puckering while reducing cycle time.

SA Edition: Auto-Adjustment of Stitch Margin

NEW

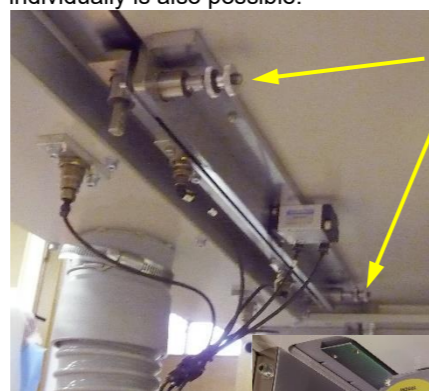
With two additional stepper motors, the SA Edition (U-4007-E/01-SA) allows operators to input the stitch margin on the LCD touchscreen, and the machine will automatically change or adjust it. Adjusting the stitch margin for the left and right sides individually is also possible.



RUN screen of the SA Edition

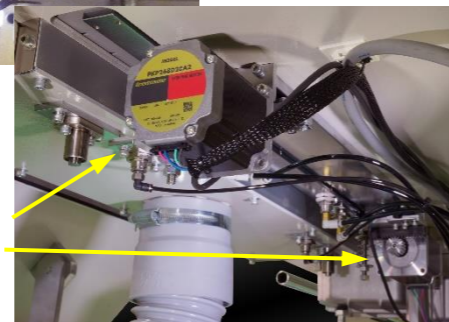


Stitch Margin Adjustment screen of the SA Edition

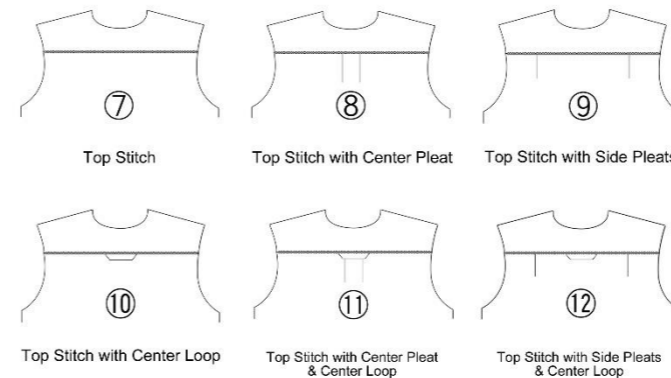
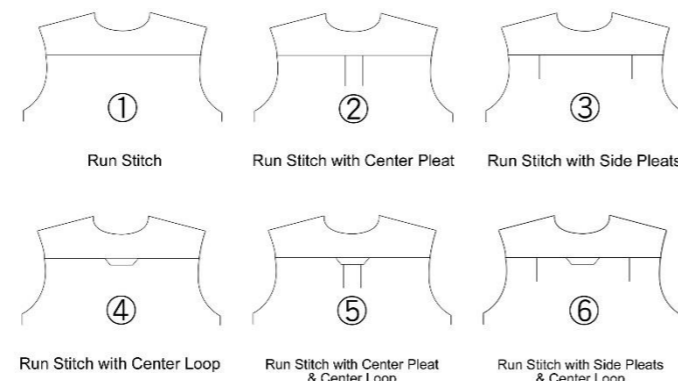


Stitch margin manual adjustment knobs on the reverse side of the table of U-4007-E/01 (1 each on the left and right)

Stepper motors for automatic stitch margin adjustment (1 each on the left and right) on the reverse side of the table of U-4007-E/01-SA



Switching 12 Styles just at your Finger Tips



From a run stitch without pleats to a top stitch with pleats and a center loop, 12 yoke-attaching variations can be instantly selected on the LCD touchscreen. Fine adjustments of various parameters, such as the conveying speed of guide rails, can be operated easily on the LCD touchscreen.

Compatible with Curved Back Panel and Curved Yoke



Two sets of keeper units (Left & Right), a center keeper unit, and vacuum suction functionality on the table surface are available for perfectly loading materials. Besides, the needle-type keeper unit (specifically designed for top stitch/welt seaming) supports holding pleats (where the materials are layered) and prevents slippage of materials.

Operators can change the positions of Left & Right keeper units instantly. If the operator touches one and changes its position, the other automatically moves symmetrically—there is no need to handle both. Due to the three-step action of those keeper units in conjunction with the center keeper and vacuum suction, the U-4007 can manage a curved yoke and a curved back panel.

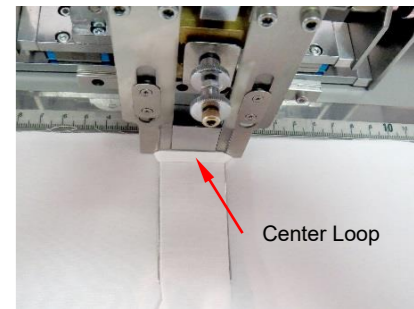
*Depending on various conditions, there may be curves that cannot be handled by this machine.

Perfect Conveying of Materials due to Synched Movement of Main and Sub Guide Rails

Due to the double chain stitch sewing head, the U-4007 guarantees high-quality seam lines with stretchability but without puckering. Furthermore, three-layered materials are held down securely and conveyed by two guide rails (main and sub) to keep the seaming area under the needle in perfect condition. This mechanism is the key to securing the highest quality of sewing.

Attaching Center Loop

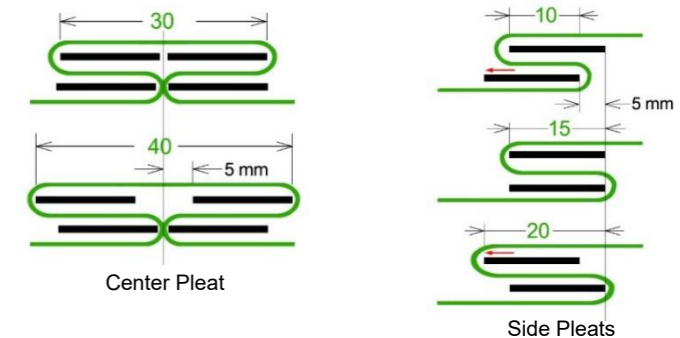
Attaching the center loop in the past required messy work. Now, the U-4007 allows operators to insert the center loop along the loop-attaching device, and then the machine sews the center loop together with yoke pieces and back panel all at once.



The machine accepts a center loop with a minimum of 30 mm to a maximum length of 40 mm, and operators can easily optimize machine settings depending on size just by turning a knob.

Folding the Center Pleat/Side Pleats

Two sets of onboard pleat folding devices are for both a center pleat (30 ~ 40 mm width) and side pleats (10 ~ 20 mm width each).



The mechanisms for folding devices (Left & Right) allow them to move symmetrically, so operators only need to touch one side and can set positions precisely

symmetric without using any tools. The width of the pleats can be adjusted instantly by turning the knob.

Comfortable Operation with Vacuum Suction thanks to Inverter

Thanks to the inverter circuitry, the onboard blower motor optimizes its rotating speed depending on the status of the vacuum suction functionality (ON or Stand-by) of the table surface and contributes to significantly reducing noise. In addition, it allows to fine-tune the output when operating the suction force at "Max" mode.

The damper unit, equipped with the blower motor, has an instant detaching/attaching function, allowing users to open and close easily and quickly. This helps users to clean up dust or lint from time to time.