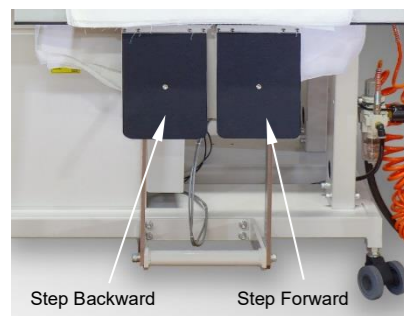




### Intuitive Knee Switches



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 retry 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 and 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.

### L/R Individual Auto-Adjustment of Stitch Margin (Optional)

A custom specification with two additional pulse motors is available as optional. If you select this specification, enter the stitch margin on the LCD touchscreen, and the machine will automatically change or adjust it. Adjusting the stitch margin separately for the left and right sides is also possible.

### 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

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

### 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 #12 ~ #14
- ★ Thread #60 ~ #80
- ★ Seam Margin 8 ~ 12 mm
- ★ Sewing Pitch 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 640 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 nℓ / min
- ★ Dimensions W1,800 x D 900 x H 1,350 mm

### Configurations

- ★ LCD Touchscreen
- ★ 12 Yoke Attaching Styles
- ★ 2 sets of Center/Side Pleat Folding Device
- ★ Symmetrical Move Mechanism of Pleat Folding Device
- ★ Symmetrical Move Mechanism of L/R Keepers
- ★ Center Loop Attaching Device
- ★ Needle-Type Keeper
- ★ Synced Move Mechanism of Main/Sub Guide Rails
- ★ Vacuum Suction Functionality on the Table Surface
- ★ Blower Motor with Inverter
- ★ Knee Switches (Step Forward/Step Backward)
- ★ Stacker with Turn-Over Bar
- ★ Air Duster Gun



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## Cutting-Edge, Fully Versatile Yoke Attaching Machine

This machine is undoubtedly amazing as it attaches the shirt yoke and back panel and adds pleats and a center loop simultaneously. 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.

*\*The U-4007 accepts slightly curved yokes and back panels, while the U-4007 cannot handle deeply curved ones.*





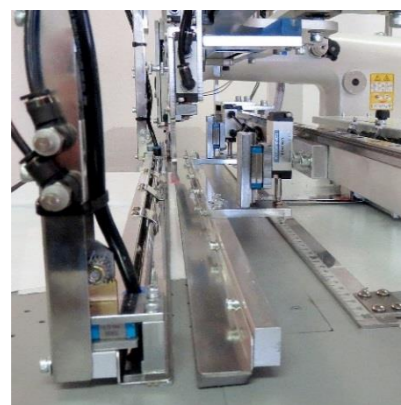
## NEW Top Stitching Yoke Seamer with Center loop & Pleating

### Model U-4007-E/01



#### 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 equipped on the predecessor U-3012 model, the U-4007 now incorporates the new features of attaching a center loop as well as top stitch/welt seaming functionality just in a sequencing cycle.



#### Top Stitching/Welt Seaming with Just One Sequencing Cycle

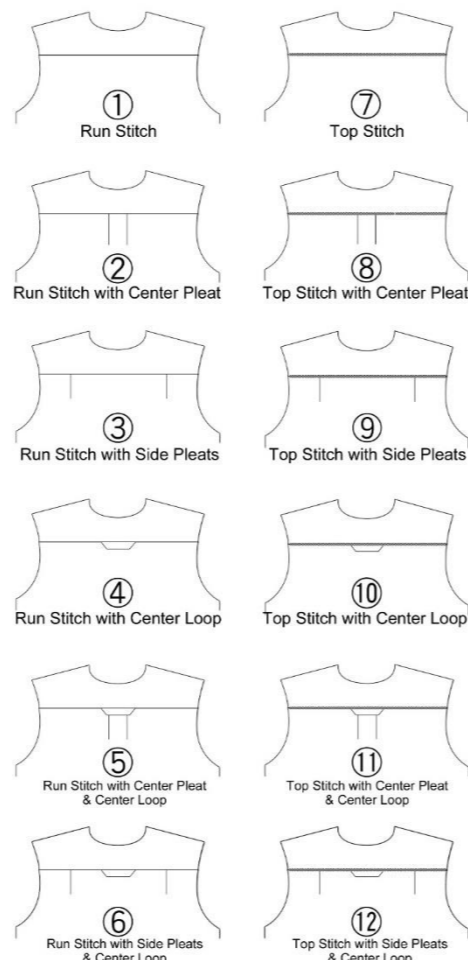
The U-4007's unique mechanism delivers top stitching/welt seaming on a yoke with just one sequencing cycle. The seam margin for welt seaming is adjustable instantly within 0.5 ~ 2.0 mm. The onboard yoke-flipping device flips over each upper yoke piece quickly, accurately, and reliably. The sub-guide rail holds yoke pieces together with the back



panel, and the main guide rail, synced with the sub-guide rail, conveys them to the needle. This mechanism contributes to perfect welt seaming without puckering while reducing cycle time.

#### 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

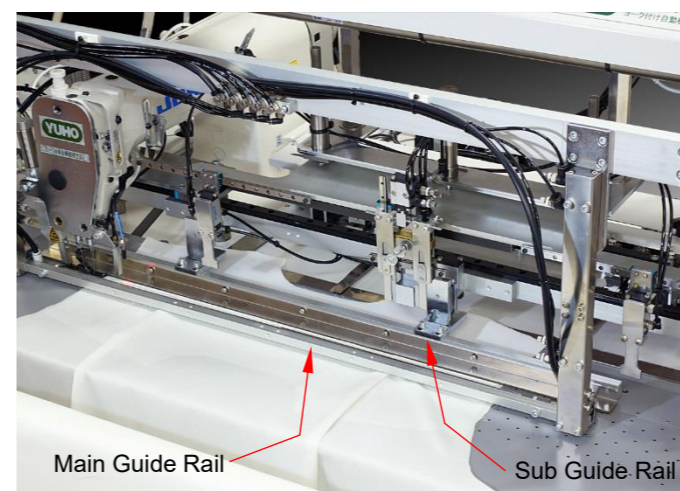


Two sets of keeper units (Left & Right), a center keeper unit, and vacuum suction functionality on the table surface are available for perfectly loading materials. Besides, the newly equipped needle-type keeper unit supports holding pleats (where the materials are layered) and prevents slippage of materials.

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.



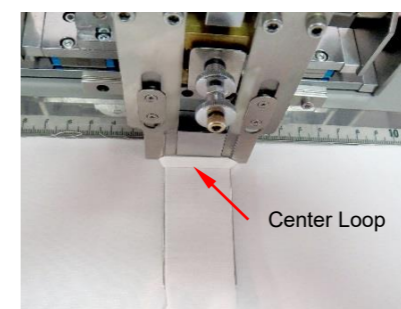
#### Perfect Conveying of Materials due to Synced Movement of Main and Sub Guide Rails



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

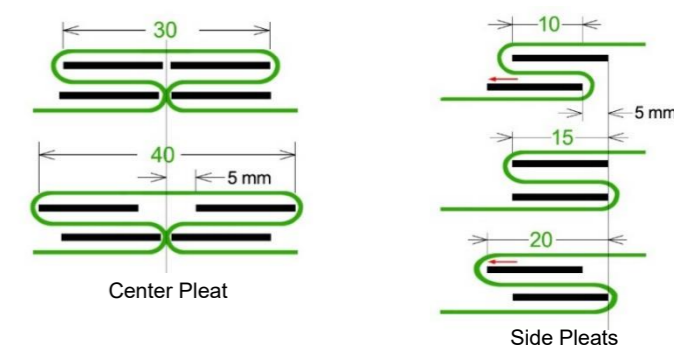
Attaching the center loop in the past required messy work because operators once needed to break seams after the yokes and back panel were sewn, then insert the center loop and sew it separately. Now, the U-4007 allows operators



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 knobs.

#### Other Excellent Features

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 greatly reducing noise. 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.

#### Stacker Device Improves 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.

