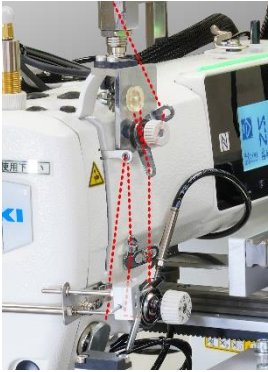
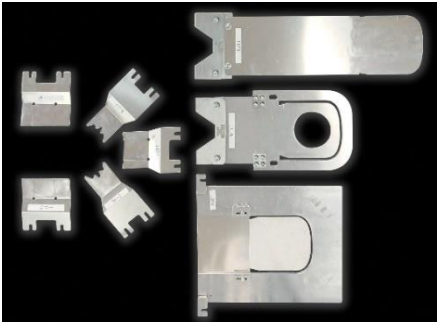


T.B.D. (Thread Breakage Detector)



Production loss time and material loss are kept to a minimum by quickly detecting thread breakage and automatically stopping operation.

Optional Accessories



Additional gauge sets and additional pattern data are tailor-made at YUHO based on the customer's respective pocket specifications (design, size, material). Additional pattern data is installed on the main unit using an SD card.

Specifications

- ★ Sewing Head JUKI DDL-9000C (Direct Drive, High-Speed, 1-Needle, Lock Stitch)
- ★ Sewing Speed Max. 4,000 rpm
- ★ Needle Stroke 35 mm
- ★ Needle DP x 17 #11~14
- ★ Stitch Length Adjustable
- ★ Sewing Range Min.: Varies depending on the shape Max.: 140 x 160 mm
- ★ # of Pattern Memory Max. 20 Patterns\*1
- ★ Table Height 930 mm
- ★ Power Consumption 200 V / AC 700 VA
- ★ Air Consumption 0.4 MPa, 3ℓ /min.
- ★ Dimensions W 1,200 x D 1,200 x H 1,300 mm

\*1: The maximum number of patterns stored in the main unit is 20. Still, since the amount of data varies greatly depending on the specifications of the sewing lines of each pattern, sometimes the internal memory will become full even with about ten patterns, making it impossible to add more patterns.

Configurations

- ★ XY-Axis Stepper Motor Control
- ★ Machine Presser Foot
- ★ LCD Touchscreen
- ★ Stacker
- ★ T.B.D. (Thread Breakage Detector)
- ★ Counter
- ★ Air Duster Gun
- ★ Casters with brakes
- ★ 1 Set of Pattern Gauge and Pattern Data

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



**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.



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**Cutting-Edge Pocket Setter feat. Pattern-Seaming System with Integrated Design of Clamp and Folding Device**

Automatic pocket-attaching machines require tailor-made custom gauges that are optimized for the specifications of each pocket. This U-4306-E/1416, powered by YUHO's unique pattern-seaming system with an integrated clamp and folding device, realizes the cost of custom gauges at a reasonable level. In addition to lowering the total running costs, it can easily attach pockets with various conditions, such as difficult-to-handle materials, small-sized pockets, and double-stitching, with beautiful folding and stitching quality. It was impossible with other pocket setters in the past.

*If you use a stretchable material, such as a knit material, and there is a breakage risk of the stitching thread, we recommend inserting a thin gauze-like stretch-preventing tape at the bottom of the pockets.*

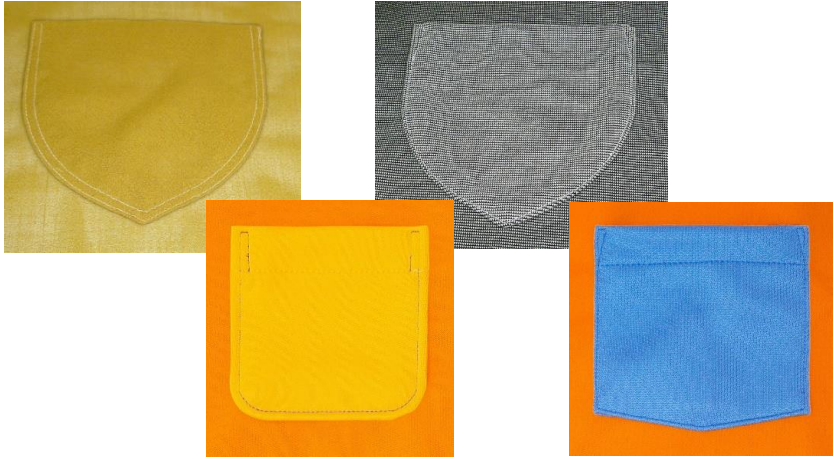






## Knit Pocket Setter

 Model U-4306-E/1416



meantime. Aiming for highly efficient workflow and improved productivity, YUHO designed this machine so that one operator can operate the 1machine and perform other tasks in parallel. Additionally, if the target production volume is large, one operator can operate two sets of U-4306 simultaneously, doubling productivity. The most significant advantage of one person operating two machines is that it is possible to deskill and improve productivity and quality simultaneously, thanks to the overlapping workflow design.



### Coverage of a Wide Variety of Pockets at Low Running Costs Thanks to Inexpensive Extra Pattern Gauges

YUHO provides an additional gauge set (including pattern data) for U-4306 at approximately half the price compared to comparable machines from other manufacturers.

### LCD Touchscreen Ensures Ease of Use



Each pattern memory can be recalled with a single touch on the LCD touchscreen, and fine adjustments to sewing data, such as modifying the stitch width for each pattern, can be made quickly and easily on the LCD. This highly easy-to-use touch panel allows

you to modify and optimize sewing patterns for each material. It provides a variety of menus that will enable you to perform various types of maintenance efficiently on the touchscreen. New pattern data can be transferred to this machine using an SD card (optional).



### Preventing Thread Jamming

Equipped with Thread Clamper and Thread Puller. By holding the needle thread at the beginning of sewing with the thread clamper and ensuring the amount of thread consumed at the beginning of sewing with the thread puller, thread dropouts at the beginning of sewing and bird's nests caused by the needle thread are eliminated, resulting in beautiful sewing.



### Stable Sewing Results Secured With High-Rigidity and High-Precision Mechanism

For the XY two-axis motion control, high precision and high rigidity linear way units are equipped in two upper and lower stages to ensure high precision and high durability. The U-4306 incorporates the JUKI DDL-9000C direct drive sewing head. It has excellent responsiveness, and the high and long arm provides wide space for excellent workability.

Improved workability has resulted in stable quality, de-skilling, and superior productivity.



### Instant Gauge Replacement

Exchanging the gauges takes about 1 to 2 minutes, instant and hassle-free. Besides, there is no need to make adjustments when replacing gauges. It is ideal for production sites handling many variations in pocket types and materials.

### Stacker Is the Key to the Overlapping Workflow

As soon as the material is sewn, the stacker device automatically and reliably stacks the fabric, overlapping the workflows and allowing one operator to operate two machines simultaneously.



### Maintenance Ease



The mechanical structure is carefully designed to eliminate the need for readjustment when tilting and returning the sewing head, reducing maintenance burdens. The LCD touchscreen also includes a variety of maintenance menus to cope with just in case any trouble should occur, such as test stitching of the sewing head independently and correction of delicate settings of each device together with the functionality of step-by-step playback of preprogrammed sequence.

### YUHO's Unique Integrated Clamp and Folding Device System



YUHO's unique pattern-seaming system, featuring the integrated clamp and folding device, allows you to fold and stitch pockets reliably and instantly, even if the materials are made of difficult-to-handle fabrics, with a space-saving footprint. The pocket piece is folded inside the clamp. Folded pocket pieces, together with front or back panels, are sandwiched between the presser pat and base plate, then the clamp is transported while firmly pressed by the presser foot, and pattern sewing is done with super accuracy.

### The Flexibility of Covering Double-Stitching, Small-Size Pockets, etc.

We have realized the automation of folding and attaching double-stitched pockets with unprecedented ease and reasonable gauge cost. It is possible to attach double-stitched pockets of stretchy material accurately, efficiently, and quickly. Attaching the rounded-shaped pockets with double stitches and stretchable material requires burdens and skills. This revolutionary pocket-setting machine allows anyone to perform such challenging tasks with high productivity. In addition, the tiny-sized pocket's folding and attaching at the positions that used to be impossible with conventional pocket setting machines, even with double stitches, can be done just as instantly without an increase in gauge costs.

### Dual-Unit-Parallel-Operation by a Single Operator

Once the operator finishes setting the material, this machine automatically completes the tasks up to the stacking of material after sewing so that the operator can do other work in the