

JUKI®

MH-1410

High-speed, Cylinder-bed, Needle-feed, Double Chainstitch Machine



MH-1410D/AK122/V072

MH-1410

The machine is designed specifically
for the attaching of waistbands to jeans, casual pants, etc.

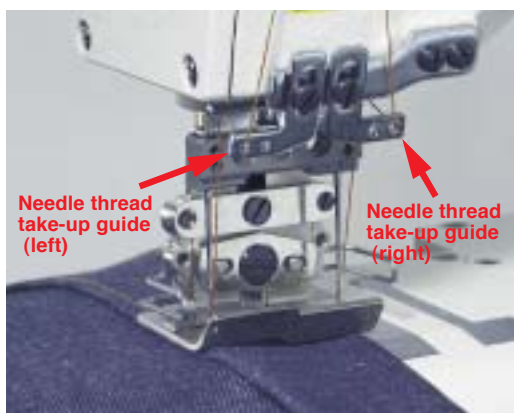
This cylinder-bed, needle-feed, double chainstitch machine attaches waistbands to jeans and casual pants at the splendid sewing speed of 5,000rpm.

The machine supports two different waistband styles; "pre-cut style" and "continuous band style."

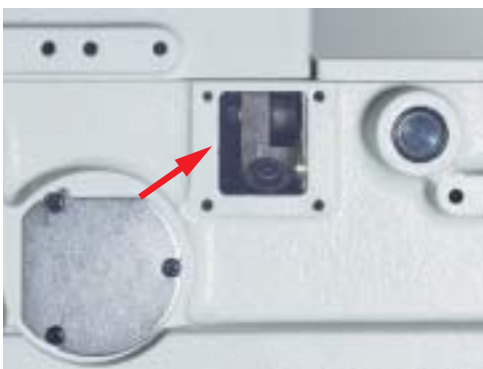
- With its head mechanism to ensure optimum balance and high rigidity, the machine achieves high-speed performance of 5,000rpm with reduced operating noise and vibration.

The MH-1410 is a needle-feed machine noted for an outstanding feed efficiency that ensures smooth stitching at the beginning of sewing and consistent stitch length when sewing multi-layered sections.

- The machine uses a right-and-left split type needle thread take-up guide. Even when the right and left needles sew materials of different thicknesses, separate stroke can be set for the right and left thread take-up guide to ensure consistently excellent seam quality.



The differential of the needle feed amount is adjustable



Differential needle-feed amount adjusting mechanism

The differential between the needle feed amount and bottom feed amount can be adjusted within the range of -5% to $+25\%$ of the latter. Waving or twisting of the material can be prevented by adjusting the differential feed amount to suit the material thickness, the type of folder to be used, and other sewing conditions.

*The stitch length is adjusted by push-button control. The stitch pitch can be easily adjusted since the needle feed synchronizes with the bottom feed.



The light-type cloth puller offers an excellent follow-up capability. (V072)



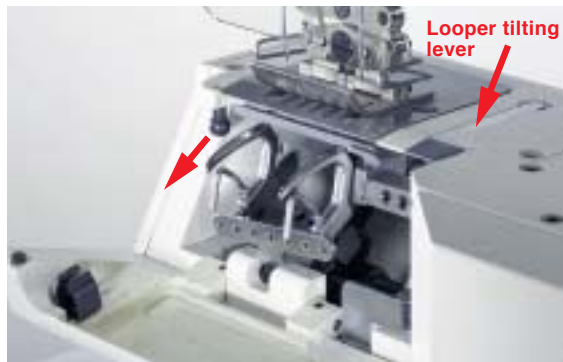
- The cloth puller helps to obtain a consistent stitching pitch from low speed to high speed regardless of the sewing speed.
- The cloth puller is driven by a top roller, ensuring excellent feed efficiency and uniform stitch length at multi-layered parts of the material.
- The cloth puller employs an intermittent feed system that reduces the load to the needle. The roller is designed to permit stepless adjustment of the feed amount.
*The V072 cannot be retrofitted to the machine after setup.

Excellent operability

- The looper can be tilted toward you by operating the lever for easy threading of the looper.



Looper position during sewing



Looper position at the time of threading
(the looper is tilted)

OPTIONS

● Pneumatic auto-lifter AK122

Part No.: GAK-A22010B0

(*JUKI: The SC-510 or a commercially available needle positioning motor is required.)

● Needle cooler (pneumatic type)

Part No.: 311-42565(for MH-1410A)

Part No.: 311-43068(for MH-1410B,C)

Part No.: 311-43167(for MH-1410D)



AK122

● Brakedown folder bracket (asm.)

Part No.: 311-41658

(*Front-fold style folder base for pre-cutting)

< For V072 >

● Top roller (made of steel)

Part No.: MAV-07236000

● Top roller (made of urethane)

Part No.: MAV-07237000

● Top roller cover (for urethan roller)

Part No.: MAV-07240000

SPECIFICATIONS

Model name	MH-1410A	MH-1410B	MH-1410C	MH-1410D
Needle gauge	31.8mm (1-1/4")	34.9mm (1-3/8")	38.1mm (1-1/2")	6.4mm + 25.4mm + 6.4mm (1/4" + 1" + 1/4")
Number of needle	2-needle			4-needle
Feed system	Needle-feed			
	Needle-feed + Cloth puller (optional)			
Stitch system	Double chainstitch			
Max. sewing speed	5,000rpm (when stitch length is 4.5mm or less) 4,000rpm (when stitch length is 4.5mm ~ 6.4mm) (4,000rpm for the machine provided with cloth puller)			
Stitch length	2.1mm ~ 6.4mm			
Stitch adjusting method	By push-button (needle-feed/bottom-feed synchronized)			
Lift of the presser foot	9mm			
Needle bar stroke	32mm			
Needle (at the time of delivery)	DV x 57 (#21) #18 ~ #25*			
Looper motion	Longitudinal motion method (longitudinal swing method) : Looper can be tilted for threading			
Fine adjustment function for the needle feed amount	Provided as standard (-5% ~ +25%)			
Peripheral dimension of the cylinder section	395mm (for the machine that is not equipped with cloth puller)			
Lubrication	Trochoidal pump type automatic lubrication			
Lubricating oil	JUKI New Defrix Oil No.2 (equivalent to ISO VG32)			
Weight of the machine head	46kg			50kg

*For needle size #23 to #25, a special-order gauge is required.

WHEN YOU PLACE ORDERS

Please note when placing orders, that the model name should be written as follows:

MH-1410 □ / □ □ □ □ □ / □ □ □ □

Needle gauge	Code
2-needle: 31.8mm (1-1/4")	A
2-needle: 34.9mm (1-3/8")	B
2-needle: 38.1mm (1-1/2")	C
4-needle: 6.4mm + 25.4mm + 6.4mm (1/4" + 1" + 1/4")	D

Pneumatic auto-lifter	Code
Not provided	
Provided	AK122

Cloth puller	Code
Not provided	
Provided	V072

*The V072 cannot be retrofitted to your machine after the setup. Designate one when placing order for the machine.

* The needle gauge that falls within the range from 4.8mm to 50.8mm is available. Gauges other than those shown in the above table are available on a special order.

● To order, please contact your nearest JUKI distributor.

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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 soy ink 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:
①The development of products and engineering processes that are safe to the environment
②Green procurement and green purchasing
③Energy conservation (reduction in carbon-dioxide emissions)
④Resource saving (reduction of papers purchased, etc.)
⑤Reduction and recycling of waste
⑥Improvement of logistics efficiency (modal shift and improvement of packaging, packing, etc.)