

# JUKI

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# Apparel



Registered Organization : JUKI CORPORATION Head Office  
The Scope of the Registration : The activities of research, development, design, sales, distribution, and maintenance services of industrial sewing machines, household sewing machines and industrial robots, etc., including sales and maintenance services of data entry systems.

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## JUKI Smart Solutions

Innovation with our Best Global Support

# ***DIGITALLY*** ***Smart Solution***

## **Inspire the Knowledge in Sewing Adjustment Epoch-making Sewing Systems in history**

Digitalization of sewing machines redefines the traditional reliance of skilled and experienced veterans in the sewing factory.

Realization of digitalization and IoT technology also introduces new possibilities to the improvement of bottleneck quality, reproduction of optimum tension controls, and optimize time required for setup and maintenance processes.

### **Creation of exquisite seam**

Digitalization of feeding locus<sup>\*1</sup>, needle thread tension etc. with JUKI developed innovative technology. With numerical representation of sewing variables, parameter adjustments are made simplified while improvising efficiency and quality.

### **Reproduction of sewing with IoT**

While sewing adjustment data are stored within the machine, the information can be extracted by using an Android terminal<sup>\*2</sup> or USB device. Realizes requests such as [Wanting to reproduce seam quality from previous adjustments], [Wish to allow other machine to exact the same sewing quality as each other].

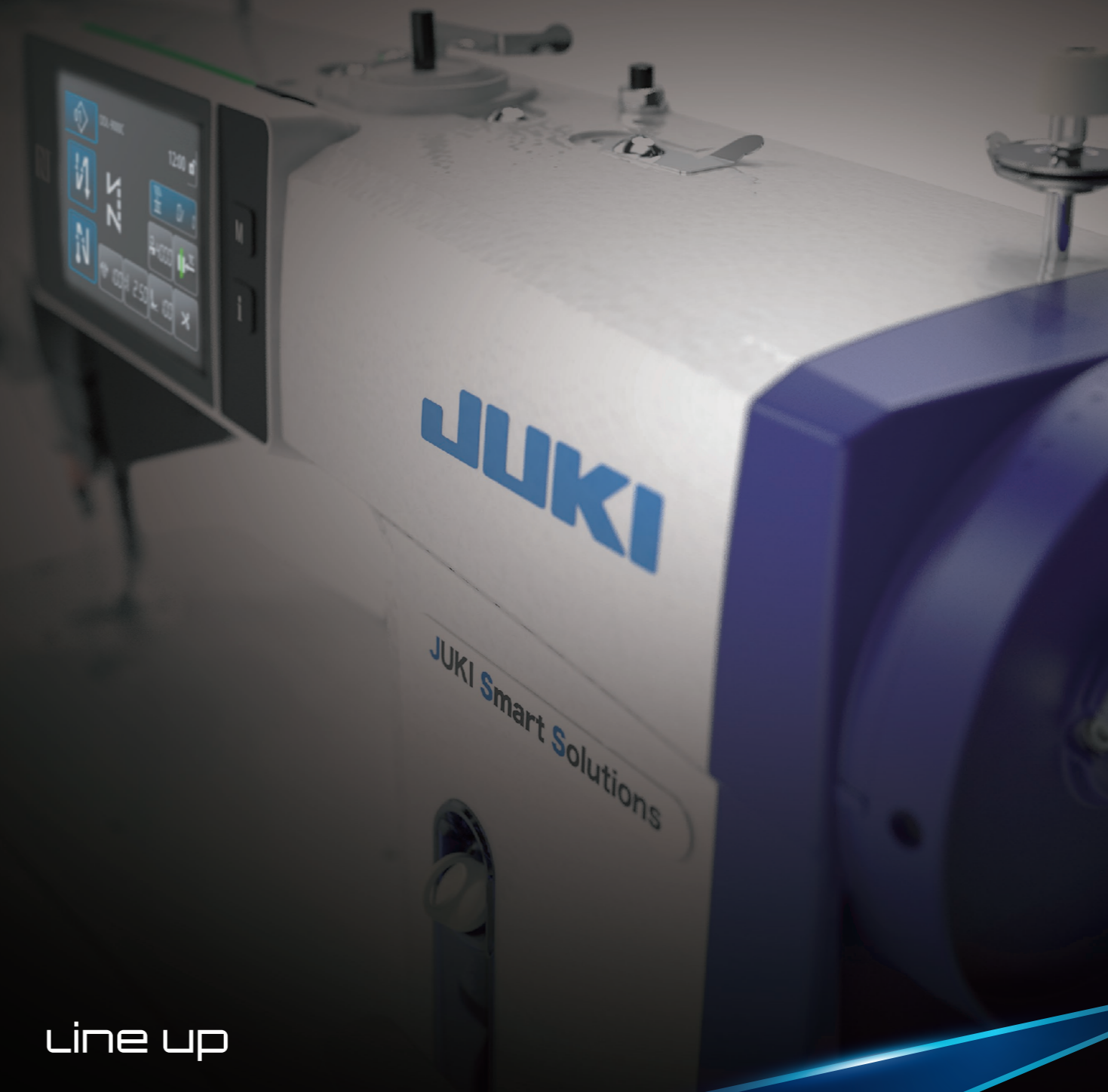
### **Visualization of production activities**

Digitalization is not limited for adjustments of parameter data. JUKI Smart APP<sup>\*3</sup> allows users to view the output and operation ratio etc. of individual machines in graph format. Promoting analysis and problem solving based on the actual conditions.

<sup>\*1</sup> DDL-9000C, LZ-2290C

<sup>\*2</sup> The sewing machine can be paired with equipment which supports NFC (Near Field Communication) only by holding the equipment over the sewing machine.

<sup>\*3</sup> Android OS Version 6.0 is recommended to use JUKI Smart APP. (Operation is confirmed with respect to Versions 5.0 and later. )  
Contact JUKI distributor in your area for how to use the application software.



## **Line up**



Direct-drive, High-speed, Lockstitch Sewing System with automatic thread trimmer

**DDL-9000C**



Semi-Dry head, Digital Zigzag Stitching Sewing System

**LZ-2290C**



Computer-controlled, High-speed, Bartacking Sewing System

**LK-1900BN**



Computer-controlled, High-speed, Buttonholing Sewing System

**LBH-1790AN**

Computer-controlled, High-speed, Lockstitch, Button Sewing System

**LK-1903BN**



High-speed, Feed-off-the-arm, 3-needle Double Chainstitch Sewing System (Digital workstation)

**MS-1261A/DWS**



Computer-controlled, Eyelet Buttonholing Sewing System <for jeans and cotton pants>

**MEB-3900**



Computer-controlled Cycle Machine with Input Function

**AMS-221F**

# Pictographs for Function

Needle	
	2-needle
	Organized split needle bar
	3-needle
	4-needle

Hook	
	Horizontal-axis hook (large)
	Horizontal-axis hook (3 fold-capacity)
	Vertical-axis hook (large)

Feed	
	Bottom-feed
	Needle-feed
	Bottom and variable top-feed
	Differential-feed

	Variable top-feed
	Belt-feed
	X-Y drive
	R-θ drive

Stitch system	
	Lockstitch
	Double chainstitch
	Single-thread chainstitch
	Pinpoint stitch

Stitch shape	
	Zigzag stitching
	Lockstitch buttonholing
	Eyelet buttonholing
	Bartacking

	Shorter-thread remaining functions
	Button sewing
	Button sewing with neck wrapping
	Belt-loop attaching
	Pocket welting

Function	
	Active tension
	Automatic thread trimmer
	Cloth puller
	Cloth cutting knife
	Stacker

**DI** Dry-head, Intelligent Direct-drive Sewing Machine

**DIGITALLY** Smart Solution  
Digitally Smart Solution

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For further details, please refer to each catalog.

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Direct-drive, high-speed, sewing system with automatic thread trimmer



### DDL-9000C

JUKI has digitalized the drive mechanism of the sewing machine which determines the "seam" quality, JUKI launches the new "direct-drive, high-speed, lockstitch sewing system with automatic thread trimmer" DDL-9000CF. This is the newest flagship lockstitch machine. Digitalized vertically- and horizontally-driven feed mechanism allows easy adjustment of settings such as the feed locus only on the operation panel according to the material to be sewn. Thanks to the digitalization, Optimum adjustment values required to produce high-quality seams can be stored, on a material-by-material basis, in memory and can be reproduced with ease. For sewing plants which produce diversified products using diversified materials, this feature is quite helpful to achieve stable seam quality.



DDL-9000C

#### Management, browsing and editing of data can be carried out on the application software

A "Two-way" contactless communication for parameter adjustment data can be conducted with the sewing machine by a commercial Android terminal. This feature allows sewing machines in a sewing line to be uniformly set and status checked quickly, thereby contributing to stabilization in product quality. Control panel is standardized with USB ports, promising simplicity in data management and system updates.



\*Android OS Version 6.0 is recommended to use JUKI Smart APP. (Operation is confirmed with respect to Versions 5.0 and later.) Contact JUKI distributor in your area for how to use the application software.

**N** The sewing machine can be paired with equipment which supports NFC (Near Field Communication) only by holding the equipment over the sewing machine.

Model name	DDL-9000C-FDS	DDL-9000C-FMS	DDL-9000C-FSH	DDL-9000C-SMS	DDL-9000C-SSH
Type	Full Digital Type			Digital Type	
Application	Medium-weight		Heavy-weight	Medium-weight	Heavy-weight
Lubrication	Fully-dry head type	Semi-dry	Minute-quantity lubrication	Semi-dry	Minute-quantity lubrication
Max. sewing speed	4,000sti/min	5,000sti/min*1	4,500sti/min*2	5,000sti/min*1	4,500sti/min*2
Max. stitch length	5mm				
Needle	DBx1 · DPx5 (#11) #9~18 (Nm65~110)	DBx1 · DPx5 (#21) #20~23 (Nm125~160)	DBx1 · DPx5 (#11) #9~18 (Nm65~110)	DBx1 · DPx5 (#21) #20~23 (Nm125~160)	DBx1 · DPx5 (#21) #20~23 (Nm125~160)
Lift of the presser foot	By hand: 5.5mm, By knee: 15mm Auto: 1st stage 5.0 mm (*0.1~8.5mm), 2nd stage 8.5 mm (*8.5mm~13.5mm) * Adjustable on the operation panel				

\*1Stitch length of 4.00 mm or less: 5,000 sti/min; Stitch length of 4.05 - 5.00 mm: 4,000 sti/min  
\*2Stitch length of 4.00 or less: 4,500sti/min; Stitch length of 4.05 - 5.00mm: 4,000sti/min  
\*3Differs on a destination-by-destination basis

Semi-dry head, Direct-drive, 1-needle Lockstitch Sewing System with Automatic Thread Trimmer (Bird's nest prevention type)



### DDL-9000C-FMS/PBN

DDL-9000C/PBN digitalizes the machine adjustment used to be handled based on personal hunches and experience. The machine comes with bird's nest prevention that commits to "seam quality". The newly-developed model totally eliminates bird's nests at the starting of sewing, which have been a conventionally inevitable factor when using machines with a thread trimmer. The length of thread remaining at the end of sewing is shortened.

- The machine eliminates the "bird's nest" at the starting of sewing.
- Only 3 mm long thread is left on the material at the end of sewing.



DDL-9000C-FMS/PBN

Model name	DDL-9000C-FMS/PBN
Application	Medium-weight
Lubrication	Semi-dry
Max. sewing speed	4,000sti/min
Max. stitch length	4mm
Needle	DBx1, DPx5 (Standard #11) #9~18 (Nm65~110)
Lift of the presser foot	Auto : 1st stage 5.0 mm (*0.1~8.5mm), 2nd stage 8.5 mm (*8.5mm~13.5mm) ※ Adjustable on the operation panel

Direct-drive, High-speed, 1-needle, Lockstitch Machine ("dry" oil pan system)



### DDL-900B

In order to prevent oil stains on sewing products, the sewing machine has adopted the "DRY" Oil Pan System which is integrated into the sewing machine bed. The needle bar is lubricated with a smaller quantity of oil as compared with the conventional model. In addition, oil which externally splashes is shielded by the newly-developed frame oil recovery mechanism and automatic oil circulation mechanism. The new structure contributes to the achievement of the maximum sewing speed of 5,000sti/min and also to increased productivity.



DDL-900B

Model name	DDL-900BB-S	DDL-900B-S	DDL-900BB-H	DDL-900B-H
Application	Medium-weight		Heavy-weight	
Max. sewing speed	5,000sti/min		4,000sti/min	
Max. stitch length	4mm		5mm	
Lift of the presser foot	By hand: 5.5mm / By knee: 13mm (max.)			
Hook	Automatic-lubricating full-rotary hook			
Needle	DBx1 #11 (#9~#18)		DBx1 #21 (#20~#23)	

1-needle, Lockstitch Machine

### DDL-8700-7 DDL-8700

By thoroughly investigating and modifying the sewing mechanisms in order to achieve low-tension sewing, the machine flexibly responds to various kinds of materials and produces beautiful seams of consistent quality.



DDL-8700-7

Model name	DDL-8700-7	DDL-8700	DDL-8700A-7, 8700A	DDL-8700H-7, 8700H
Application	Medium-weight		Light-weight	Heavy-weight
Max. sewing speed	5,000sti/min	5,500sti/min	4,000sti/min	
Max. stitch length	4mm	5mm	4mm	5mm
Presser foot	By knee: 13mm		By knee: 9mm	By knee: 13mm
Needle	DBx1 (#14) #9~#18, 134 (Nm90)	DAx1 (#9) #9~#11, 134 (Nm65)	DBx1 (#21) #19~#23, 134 (Nm130)	

1-needle, Lockstitch Machine with Double-capacity Hook

### DDL-5600N-7 DDL-5600N


The machine is capable of making well-tensed, beautifully finished seams, regardless of the type of heavy materials.



DDL-5600N-7

Model name	DDL-5600NJ-7, 5600NJ	DDL-5600NL-7, 5600NL
Application	Jeans	Heavy-weight
Max. sewing speed	4,000sti/min	3,000sti/min
Max. stitch length	5mm	8mm
Presser foot	By knee: 13mm	
Needle	DBx1 (#21) #20~#23, 134 (Nm130)	

1-needle, Lockstitch Machine

**DDL-5550N-7**   
**DDL-5550N**

The thread take-up mechanism, feed mechanism, thread paths and hook have been further improved to enhance responsiveness to material changes and to ensure consistent stitch quality.

Model name	DDL-5550N-7	DDL-5550N
Application	Medium-weight	
Max. sewing speed	5,000sti/min	5,500sti/min
Max. stitch length	4mm	5mm
Presser foot	By knee: 13mm	
Needle	DBx1 (#14), 134 (Nm75)	DBx1 (#14), 134 (Nm90)

Model name	DDL-5550NA-7, 5550NA	DDL-5550NH-7, 5550NH
Application	Light-weight	Heavy-weight
Max. sewing speed	4,000sti/min	
Max. stitch length	4mm	5mm
Presser foot	By knee: 9mm	By knee: 13mm
Needle	DAx1 (#9), 134 (Nm65)	DBx1 (#21), 134 (Nm130)




DDL-5550N-7



1-needle, Bottom and Variable Top-feed, Lockstitch Machine

**DLU-5494N-7/IT-100A** (with program shirring control device) 

With its microcomputer control, the machine achieves high-quality shirring with consistency. The machine enables even inexperienced operators to perform shirring operation smoothly and easily.

**DLU-5490N-7**   
**DLU-5490N**

With its bottom and variable top-feed mechanism, the machine widely adapts to diversified applications and helps promote the production of upgraded-quality products while increasing efficiency.

Model name	DLU-5494N-7/IT-100A	DLU-5490N-7, 5490N
Max. sewing speed	4,000sti/min	4,500sti/min
Max. stitch length	5mm (forward), 3mm (backward)	5mm
Max. top-feed amount	8mm (top feed amount varies depending on the type of gauge)	8mm
Presser foot	By knee: 13mm *When using auto-lifter AK85: 9mm	By knee: 13mm
Needle	DBx1 (#14), 134 (Nm90)	DBx1 (#14), 134 (Nm75)



DLU-5494N-7/IT-100A



1-needle, Bottom and Variable Top-feed, Lockstitch Machine

**DLU-5494N-7/X73202** (with Automatic Thread Trimmer)

High-quality seams are produced by digital control function. (For topstitching shirt collars)

With the digitally controlled material edge sensor and cloth guide, the sewing machine is able to sew topstitches on collars while keeping the constant edge width. Cycle sewing of topstitches on collars can be carried out in repetition only by setting the edge width, collar angle, material-end finishing position, etc. on the control panel.

Model name	DLU-5494N-7/X73202
Max. sewing speed	4,000sti/min* (normal operation: 2,500 sti/min)
stitch length	1.3~3.5mm
Max. top-feed amount	8 mm (differs with the gauge)
Lift of presser foot	Manual: 5.5 mm / By air: 10.0 mm
Needle	DBx1 (#11) #9~#18



DLU-5494N-7/X73202



Direct-drive, High-speed, Needle-feed, Lockstitch Machine

**DLN-9010A**

The machine is a needle-feed type, categorized under the DDL-9000B series, that has been highly evaluated as the top-of-the-line lockstitch machine with a thread trimmer.

Model name	DLN-9010A-SS
Application	Light- to medium-weight
Max. sewing speed	5,000sti/min
Max. stitch length	4.5mm*
Presser foot	By knee: 15mm (max.), Auto: 10mm
Needle	DBx1 (#14) #9~#18, 134 (Nm90) Nm65~Nm110

\*The max. sewing speed should be set at 4,000sti/min or less when the machine is used with a stitch length of more than 3.5mm.


Model name	DLN-9010A-SH
Application	Heavy-weight
Max. sewing speed	4,000sti/min
Max. stitch length	4.5mm
Presser foot	By knee: 15mm (max.), Auto: 10mm
Needle	DBx1 (#21) #20~#23, 134 (Nm130) Nm120~Nm160



DLN-9010A



1-needle, Needle-feed, Lockstitch Machine

**DLN-5410N-7**   
**DLN-5410N**

The machine produces seams with accurate stitch length and prevents slippage of the upper fabric. The machine ensures beautiful seam quality free from stitch gathering, even when a hard-to-feed material is used.

Model name	DLN-5410N-7, 5410N	DLN-5410NH-7, 5410NH
Application	Light- to medium-weight	Medium- to heavy-weight
Max. sewing speed	5,000sti/min	4,000sti/min
Max. stitch length	4mm	4.5mm
Presser foot	By knee: 13mm	
Needle	DBx1 (#14), 134 (Nm90)	DBx1 (#21), 134 (Nm130)

Model name	DLN-5410NJ-7	DLN-5410NL
Application	Jeans	Heavy-weight (long stitch length type)
Max. sewing speed	4,000sti/min	3,000sti/min
Max. stitch length	4.5mm	6mm
Presser foot	By knee: 13mm	
Needle	DBx1 (#21), 134 (Nm130)	DBx1 (#21), 134 (Nm130)



DLN-5410N-7



High-speed, Cylinder-bed, 1-needle, Needle-feed Lockstitch Machine with Large Hook

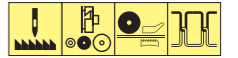
**DLN-6390-7**   
**DLN-6390**

The cylinder-bed lockstitch machine with a thread trimmer is designed for hemming the bottom of jeans, casual pants and work uniforms.

Model name	DLN-6390-7	DLN-6390
Max. sewing speed	5,000sti/min	
Stitch length	Standard gears: 3.2mm (2.8mm) / Supplied gears: 2.3mm, 3.6mm / Optional gears: 2.1mm, 2.5mm, 4.2mm (utilized by changing pitch conversion gears)	
Presser foot	Max. 14mm	
Binder open / close type	Driven by air cylinder	Manual type
Cylinder-bed diameter	180mm	
Needle	UY180GVS Nm140 range of use: Nm90~Nm150 (equivalent to #14~#22.5)	



DLN-6390-7



## 1-needle, Lockstitch Machine

1-needle, Lockstitch Machine with Vertical Edge Trimmer

### DLM-5400N-7 (bottom-feed)

### DLM-5200N

The knife is sharp enough to cut any type of material. The one-touch utility knife lever enhances the comfort of operation.

Model name	DLM-5400N-7
Max. sewing speed	4,500sti/min
Max. stitch length	4mm
Presser foot	By knee: 10mm
Needle	DBx1 (#14) #9~#18, 134 (Nm90)
Max. thickness of the material to be cut	4mm

Model name	DLM-5200N
Max. sewing speed	4,500sti/min
Max. stitch length	5mm
Presser foot	By knee: 10mm
Needle	DBx1 (#14), 134 (Nm90)



DLM-5400N-7

1-needle, Needle-feed, Lockstitch Machine with Vertical Edge Trimmer

### DMN-5420N-7

The machine is a needle-feed type. The knife is sharp enough to cut any type of material.

Model name	DMN-5420N-7
Max. sewing speed	5,000sti/min
Max. stitch length	5mm
Presser foot	By knee: 10mm
Needle	DBx1 (#14) #9~#18, 134 (Nm90)
Max. thickness of the material to be cut	4mm



DMN-5420N-7

1-needle, Differential-feed, Lockstitch Machine

### DLD-5430N-7

### DLD-5430N

With its highly reliable bottom-differential-feed mechanism, the machine promotes the production of upgraded-quality products while increasing efficiency.

Model name	DLD-5430N-7, 5430N
Max. sewing speed	4,500sti/min
Max. stitch length	5mm
Max. top-feed amount	Shirring 1:1.5 (max. 1:3"), Stretching 1:0.5
Needle bar stroke	30.7mm
Presser foot	By knee: 13mm
Needle	DBx1 (#14), 134 (Nm90)



DLD-5430N-7

\*This ratio applies provided that the stitch length does not exceed 2.5mm.

## 2-needle, Lockstitch Machine

Semi-dry head, 2-needle, Lockstitch Machine

### LH-3528A-7

### LH-3528A

### LH-3578A-7 (with large hooks)

### LH-3578A (with large hooks)

This is the cutting-edge model 2-needle sewing machine which comes with substantially enhanced mechanisms such as the direct-drive mechanism, semi-dry head, new thread tension control mechanism and improved oiling system. All models of the LH-3500A Series are provided with a semi-dry head to eliminate staining with oil from the frame (the needle bar part).

\*A thread tension control mechanism has been developed for each type of sewing machine in order to achieve the best-suited thread tension for its purpose.

\*Two selectable new-method oiling mechanisms.



LH-3528A-7

Model name	LH-3528A-7	LH-3528A	LH-3578A-7	LH-3578A
Application	A: Light-weight, F: Foundation, S: Medium-weight, G: Jeans and heavy-weight		G: Jeans and heavy-weight	
Max. sewing speed	3,000sti/min		3,000sti/min	
Max. stitch length	5mm (F type: 4mm)		5mm	
Needle gauge	3.2~34.9mm (1/8"~1-3/8")	2.4~38.1mm (3/32"~1-1/2")	3.2~25.4mm (1/8"~1")	3.2~38.1mm (1/8"~1-1/2")
Presser foot	By hand: 7mm, By knee: 13mm		By hand: 7mm, By knee: 13mm	
Needle	A: DPx5 (#9) #9~#16 F: DPx5 (#10) #9~#16	S: DPx5 (#14) #9~#16 G: DPx5 (#21) #16~#23	G: DPx5 (#21) #16~#23	

Semi-dry head, 2-needle, Lockstitch Machine with Organized Split Needle Bar

### LH-3568A-7

### LH-3568A

### LH-3588A-7 (with large hooks)

### LH-3588A (with large hooks)

The sewing machine with organized split needle bars is the only sewing machine in the industry that comes with the semi-dry head. It helps reduce poor-quality products due to oil stains even in the case of product items which have corner stitching sections.

\*The semi-dry head sewing machine with organized split needle bars is only available from JUKI.

\*A thread tension control mechanism has been developed for each type of sewing machine in order to achieve the best-suited thread tension for its purpose.

\*Two selectable new-method oiling mechanisms.



LH-3568A-7

Model name	LH-3568A-7	LH-3568A	LH-3588A-7 (large hooks)	LH-3588A (large hooks)
Application	S: Medium-weight, G: Jeans and heavy-weight		G: Jeans and heavy-weight	
Max. sewing speed	3,000sti/min		3,000sti/min	
Max. stitch length	5mm		5mm	
Needle gauge	3.2~25.4mm (1/8"~1")		3.2~25.4mm (1/8"~1")	
Presser foot	By hand: 7mm, By knee: 13mm		By hand: 7mm, By knee: 13mm	
Needle	S: DPx5 (#14) #9~#16 G: DPx5 (#21) #16~#23		G: DPx5 (#21) #16~#23	

Direct-drive, Overlock / Safety Stitch Machine

## MO-6700DA Series

JUKI's dry-head technology has been introduced to the MO-6700S, which has excellent seam quality and higher productivity. Only the parts which mainly contribute to oil splashes are improved to have dry mechanisms to create the semi-dry-head overlock machine, MO6700DA series.



MO-6714DA

Model name	MO-6704DA	MO-6714DA	MO-6716DA	MO-6743DA
Stitch type	1-needle overlock	2-needle overlock	Safety stitching	3-needle Safety stitching
Max. sewing speed	7,000sti/min			
Stitch length	0.8~4mm		1.5~4mm	
Needle gauge	—	2.0, 3.2mm	3.2, 4.8, 4.8+2.0, 3.2+2.0mm	3.2+2.0, 4.8+2.0mm
Overedging width	1.6, 3.2, 4.0, 4.8mm	2.0, 3.2, 4.0, 4.8mm	3.2, 4.0, 4.8, 6.4mm	3.2mm
Bottom differential feed ratio	For gathering 1:2 (Max. 1:4), For stretching 1:0.7 (Max. 1:0.6)			
Needle	DCx27 (excluding some subclass model)			

Semi-dry-head, High-speed, Overlock / Safety Stitch Machine

## MO-6800D Series

JUKI's dry technology has been adopted for the MO-6800S which produces seams of delicate quality and feel as well as achieves excellent cost-effectiveness. This is a semi-dry head overlock machine with the dry mechanism which eliminates oil-splashing problem. As a result, oil stains on the sewn products are eliminated.



MO-6816D

Model name	MO-6804D	MO-6814D	MO-6816D	MO-6843D
Stitch type	1-needle overlock	2-needle overlock	Safety stitching	3-needle safety stitching
Max. sewing speed	7,000sti/min			
Stitch length	0.6~3.8 (4.5) mm			
Needle gauge	—	2.0mm	3.0, 5.0mm	5.0+2.0mm
Overedging width	4.0mm	2.0, 3.0, 4.0mm	4.0, 5.0mm	3.0mm
Differential feed ratio	Gathering 1:2, Stretching 1:0.7			
Needle	DCx27 (excluding some subclass model)			

High-speed, Overlock / Safety Stitch Machine

## MO-6800S Series

The MO-6800S Series responds to various kinds of sewing materials and processes, producing delicate and beautiful soft-to-the-touch seams while further reducing operating noise as well as increasing durability. This advanced overlock / safety stitch machine is easier to use and promises superior cost-effectiveness.



MO-6816S

Model name	MO-6804S	MO-6814S	MO-6816S
Stitch type	1-needle overlock	2-needle overlock	Safety stitching
Max. sewing speed	7,000sti/min		
Stitch length	0.6~3.8 (4.5) mm		
Needle gauge	—	2.0mm	3.0, 5.0mm
Overedging width	1.5, 4.0mm	3.0, 4.0mm	4.0, 5.0, 6.0mm
Differential feed ratio	For gathering 1:2 (Max. 1:4), For stretching 1:0.7 (Max. 1:0.6)		
Needle	DCx27 (excluding some subclass model)		

Super-high-speed, Overlock / Safety Stitch Machine

## MO-6900S Series

Since the machine comes with a needle-thread take-up mechanism as well as a looper thread take-up mechanism, to offer upgraded responsiveness from light- to heavy-weight materials with a lower applied tension, it achieves well-tensed softfeeling seams that flexibly correspond to the elasticity of the material at the maximum sewing speed of 8,000 to 8,500sti/min. To offer improved sewing capabilities as well as to prevent stitching misshapes, the machine is equipped as standard with the needle thread heat remover and needle cooler.



MO-6914S

Model name	MO-6904S	MO-6914S	MO-6916S
Stitch type	1-needle overlock	2-needle overlock	Safety stitching
Max. sewing speed	8,500sti/min	8,000sti/min	
Stitch length	0.8~4mm		1.5~4mm
Needle gauge	—	2.0, 2.4, 3.2mm	2.0, 3.2, 4.0, 4.8, 4.8+2.0mm
Overedging width	1.6, 3.2, 4.0, 4.8mm	3.2, 4.0, 4.8mm	3.2, 4.0, 4.8, 6.4mm
Differential feed ratio	Gathering 1:2 (max. 1:4), Stretching 1:0.7 (max. 1:0.6)		
Needle	DCx27 (excluding some subclass model)		

High-speed, Variable Top-feed, Overlock / Safety Stitch Machine

## MO-6900R Series

The locus of the top feed dog increases the surfaces of the top feed dog that horizontally synchronize with the bottom feed dog, to reliably feed the materials without damaging them. The feed mechanism smoothly feeds light-weight materials softly or feeds heavy-weight materials with an increased cloth-biting force. The fulcrum of the top feed locus can be set at the bestsuited position according to the material or process.



MO-6914R

Model name	MO-6904R	MO-6914R	MO-6916R
Stitch type	1-needle overlock	2-needle overlock	Safety stitching
Max. sewing speed	7,000sti/min, 6,000sti/min		
Stitch length	0.8~4mm		1.5~4mm
Needle gauge	—	2.0mm	3.2, 4.8, 4.8+2.0mm
Overedging width	3.2, 4.0, 4.8, 6.4mm	3.2, 4.0mm	3.2, 4.0, 4.8, 6.4mm
Differential feed ratio	Gathering 1:2 (max. 1:4), Stretching 1:0.7 (max. 1:0.6)		
Needle	DCx27 (excluding some subclass model)		

## Overlock / Safety Stitch Machine

Overlock / Safety Stitch Machine for Extra Heavy-weight Materials

### MO-6900J Series (variable top-feed)

### MO-6900G Series (Differential-feed)

The machine incorporates a mechanism and parts that are optimum for the sewing of extra heavy-weight materials, such as an extra high-lift type upper looper, tractor foot and coarse type feed dog. It demonstrates an excellent performance ability in the sewing of various kinds of heavy-weight materials such as jeans, raised fabric materials, mats and carpets.



MO-6916J

Model name	MO-6904J	MO-6914J	MO-6916J	MO-6904G	MO-6914G	MO-6916G
Stitch type	1-needle overlock	2-needle overlock	Safety stitching	1-needle overlock	2-needle overlock	Safety stitching
Max. sewing speed	6,000sti/min					
Stitch length	2.5~5mm	2.5~4mm	2.5~5mm	2.5~5mm	2.5~4mm	2.5~5mm
Needle gauge	—	2.6mm	4.8mm	—	2.6mm	4.8mm
Overedging width	4.8mm	6.4mm	4.8, 6.4mm	4.8mm	6.4mm	4.8, 6.4mm
Differential feed ratio	Gathering 1:1.75 (max. 1:3.8) Stretching 1:0.7 (max. 1:0.6)	Gathering 1:2 (max. 1:3.8) Stretching 1:0.8 (max. 1:0.6)	Gathering 1:1.75 (max. 1:3.8) Stretching 1:0.7 (max. 1:0.6)	Gathering 1:1.75 (max. 1:3.8) Stretching 1:0.7 (max. 1:0.6)	Gathering 1:2 (max. 1:3.8) Stretching 1:0.8 (max. 1:0.6)	Gathering 1:1.75 (max. 1:3.8) Stretching 1:0.7 (max. 1:0.6)
Needle	DOx5 (excluding some subclass model)					

Super-high-speed, Cylinder-bed, Overlock Machine

### MO-6900C Series

The machine provided with a small-in-diameter cylinder bed, is capable of runstitching or blind-hemming tubular materials, such as sleeve cuffs, with ease.



MO-6914C

Model name	MO-6904C	MO-6914C
Stitch type	1-needle overlock	2-needle overlock
Max. sewing speed	8,000sti/min	
Stitch length	0.8~3.5mm	
Needle gauge	—	2.0mm
Overedging width	3.2, 4.0, 4.8mm	3.2, 4.0mm
Bottom differential feed ratio	Gathering 1:2.3 (max. 1:4.5), Stretching 1:0.8	
Needle	DCx27	

High-speed, Cylinder-bed, 2-needle Overlock Machine

### MO-6914C-BD6-307/X81028 (variable top-feed type)

The machine comes with the top feed dog that moves along an ideal locus. The feed dog securely catches the material and allows the multi-layer portion of a material to be fed under it with consistency. In addition it helps finish uniform seams while preventing the presser foot from jumping and smoothly feeds the material without fail.

Compact-shape of the cylinder effectively prevents the material from being fed unevenly and from twisting in various kinds of sewing of tubular materials eg., joining sleeve cuffs of which diameter is small and blind hemming long materials.



MO-6914C-BD6-307/X81028

Model name	MO-6914C-BD6-307/X81028
Stitch type	2-needle overlock
Max. sewing speed	7,000sti/min (longitudinal stroke of top feed dog is 6mm or less) 6,000sti/min (longitudinal stroke of top feed dog is 6~8.5mm)
Stitch length	0.8~3.5mm
Needle gauge	2.0mm
Overedging width	3.2mm
Bottom differential feed ratio	For gathering 1:2.3, For stretching 1:0.8
Needle	DCx27

## Zigzag Stitching Machine

Semi-Dry head, Digital Zigzag Stitching Sewing System



### LZ-2290C-7

### LZ-2290C


The LZ-2290C series has two specifications of full digital and digital. In the full digital specification, Vertical, Horizontal feeding mechanism are motorized to allow simplified parameter adjustments via the control panel. Feed timing which traditionally requires long duration of adjustment can now be simply changed via the control panel. System also allows changes from (Soft ⇄ Standard ⇄ Hard) settings based on the process suitability. Also, fabric slip prevention feeding locus can be changed to further increase range of workable material.

#### Management, browsing and editing of data can be carried out on the application software

A "Two-way" contactless communication for parameter adjustment data can be conducted with the sewing machine by a commercial Android terminal. This feature allows sewing machines in a sewing line to be uniformly set and status checked quickly, thereby contributing to stabilization in product quality. Control panel is standardized with USB ports, promising simplicity in data management and system updates.



\*Android OS Version 6.0 is recommended to use JUKI Smart APP. (Operation is confirmed with respect to Versions 5.0 and later.) Contact JUKI distributor in your area for how to use the application software.

 The sewing machine can be paired with equipment which supports NFC (Near Field Communication) only by holding the equipment over the sewing machine.



LZ-2290C-7

Model name	LZ-2290CF-7	LZ-2290CS-7	LZ-2290CS
Type	Full Digital Type	Digital Type	
Max. sewing speed	5,000sti/min		
Max. zigzag width	8mm		
Max. stitch length	5mm		
Number of patterns for standard stitching	11 types / 20 patterns		
Custom pattern memory capacity	200 patterns		
Needle	DPx5(#10), 438(Nm75)		





## Zigzag Stitching Machine

High-speed, 1-needle, Lockstitch, Zigzag Stitching Machine (standard zigzag / standard wider zigzag)

### LZ-2280A

The standard zigzag stitching machine which creates softly finished seams. The needle rocking mechanism is provided with a triangular cam which helps produce beautiful seams with consistency.

Model name	LZ-2280AA	LZ-2280AB
Stitch system	Standard zigzag	Standard wider zigzag
Stitch pattern		
Max. sewing speed	5,000sti/min	
Max. zigzag width	5mm	8mm
Max. stitch length	2.5mm	5mm
Needle	134 SUK (Nm70)	




LZ-2280A

High-speed, 1-needle, Lockstitch, Zigzag Stitching Machine (with standard / 3-step zigzag stitching pattern changeover function)

### LZ-2284A-7 LZ-2284A

Designed to handle both standard and 3-step zigzag stitching, the machine offers increased availability. The direct-drive motor system has been adopted by all of the sewing machines with a thread trimmer. As a result, the sewing machine starts up swiftly and promises increased stop accuracy, thereby demonstrating improved responsiveness.

Model name	LZ-2284A-7, 2284A
Stitch system	Standard / 3-step zigzag
Stitch pattern	
Max. sewing speed	5,000sti/min
Max. zigzag width	5mm (standard) / 10mm (3-step)
Max. stitch length	2.5mm
Needle	134 SUK (Nm70)




LZ-2284A-7

High-speed, 1-needle, Lockstitch, Zigzag Stitching Machine (with 3-step zigzag / scallop stitching pattern changeover function)

### LZ-2287A

Designed to handle both 3-step zigzag and scallop stitching, the machine offers increased availability.

Model name	LZ-2287A
Stitch system	3-step zigzag / scallop
Stitch pattern	
Max. sewing speed	5,000sti/min
Max. zigzag width	10mm
Max. stitch length	2.5mm
Needle	134 SUK (Nm70)




LZ-2287A

## Zigzag Stitching Machine

High-speed, 1-needle, Lockstitch, Standard Zigzag Stitching Machine with Lower Knife

### LZ-2282N-7 LZ-2282N

When used in the lace-attachment process for ladies' foundation, the machine sews lace on the garment body while simultaneously cutting only the garment body.

Model name	LZ-2282N-7, 2282N
Stitch system	Standard zigzag (with lower knife)
Stitch pattern	
Max. sewing speed	5,000sti/min
Max. zigzag width	4.5mm
Max. stitch length	2.5mm
Needle	438 (Nm70), DPx5 (#10)





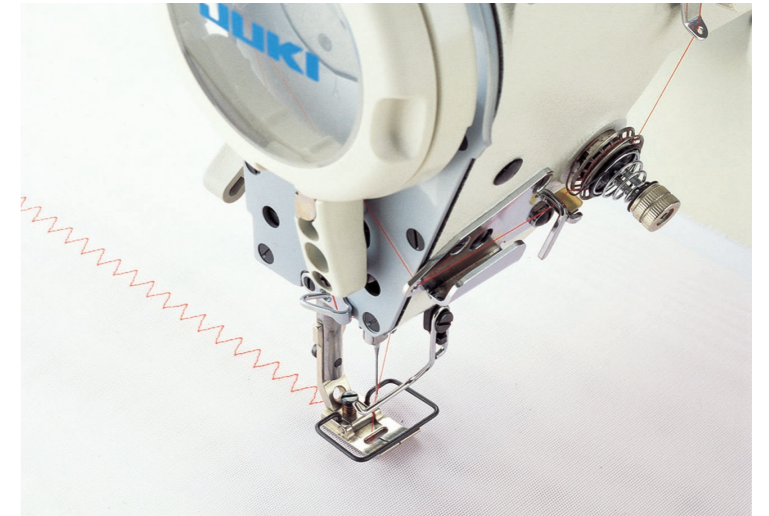
LZ-2282N-7

High-speed, 1-needle, Lockstitch, Zigzag Stitching Machine

### LZ-2285N (fagoting) LZ-2286N (3-step zigzag)

The maximum needle throw is 10mm. The needle rocking mechanism means a higher degree of accuracy, thereby leading to a very high performance.

Model name	LZ-2285N	LZ-2286N
Stitch system	Fagoting	3-step zigzag
Stitch pattern		
Max. sewing speed	4,000sti/min	5,000sti/min
Max. zigzag width	8mm	10mm
Max. stitch length	2.2mm	2mm
Needle	438 (Nm80)	438 (Nm70), DPx5 (#10)

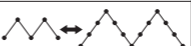



LZ-2286N

High-speed, 1-needle, Lockstitch, Zigzag Stitching Machine with Anti-material-slip Type

### LZ-2284NU-7 (with standard / 3-step zigzag stitching pattern changeover function) LZ-2284NU (with standard / 3-step zigzag stitching pattern changeover function) LZ-2280NU

The sewing machine provided with an anti-material-slip function, which promises more beautifully finished seams, is included in three different model lineups. With its newly developed feed mechanism, the machine prevents "uneven feed of the upper and lower cloths" when sewing girdles and body suits made of slippery, elastic materials.

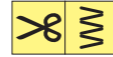
Model name	LZ-2284NU-7, 2284NU	LZ-2280NU
Stitch system	Standard / 3-step zigzag	Standard zigzag
Stitch pattern		
Max. sewing speed	4,500sti/min	
Max. zigzag width	10.0mm (standard) 10.0mm (3-step)	10.0mm
Max. feeding amount	2.5mm (standard) 2.0mm (3-step)	
Needle	438 (Nm70), DPx5 (#10)	



LZ-2280NU

## Zigzag Stitching Machine

High-speed, Cylinder-bed, 1-needle, Lockstitch, Zigzag Stitching Machine (with standard / 3-step zigzag stitching pattern changeover function)



### LZ-2284C-7

The cylinder bed zigzag stitch machine is best suited to the circular stitching processes of tubular products such as girdles, shorts and swimwear.



LZ-2284C-7

Model name	LZ-2284C-7	
Stitch system	Standard / 3-step zigzag	
Stitch pattern		
Max. sewing speed	5,000sti/min Standard zigzag: zigzag width of 5mm or less 3-step zigzag: zigzag width set to 8mm or less	
Max. zigzag width	Standard zigzag: 8mm, 3-step zigzag: 10mm	
Max. stitch length	Standard zigzag: 2.5mm, 3-step zigzag: 2mm	
Peripheral dimension of the cylinder section	322mm	
Needle	438 (#75), DPx5 (#10)	

1-needle, Lockstitch, Zigzag Stitching Machine and Embroidering Sewing Machine

### LZ-271 (for embroidering only)

### LZ-391N

The machine is capable of embroidering names and marks on sewing products, as well as zigzag stitching, by simply changing the throat plate. When using this machine for zigzag stitching, the zigzag width and stitch length can be changed so that many different types of zigzag stitch can be sewn.



LZ-391N

Model name	LZ-271	LZ-391N
Max. sewing speed	2,000sti/min (with zigzag width is set to 10mm) 1,700sti/min (with zigzag width is set to 12mm)	
Needle bar stroke	33.4mm	
Zigzag width	0~12mm	
Stitch length	—	Max. 5mm
Needle	DBx1B (#11) #9~#18	DBx1B (#14) #9~#16

## Post-bed Sewing Machine

Computer-controlled, Dry-head, Lockstitch Sleeve Setting Machine with Multi-programming Device



### DP-2100

The machine is the culmination of JUKI's leading edge technologies to enable a sleeve setting process, which is the most difficult of all sewing processes, thereby more easily achieving upgraded seam quality. The machine comes with a newly developed belt feed mechanism that offers excellent responsiveness to materials and ease of their handling.



DP-2100

Model name	DP-2100
Max. sewing speed	3,500sti/min (feed pitch 1.5~4.0mm)
Stitch length (both top and bottom)	1.5~6mm
Amount of the alternating vertical movement of the presser foot and walking foot	Max. 3.5mm
Number of programs that can be input	99 programs
Number of steps that can be input (for one program)	30 steps
Needle	DPx17 #10~#14

1-needle, Lockstitch, Post-bed type Basting Machine

### LT-591

This model is a specially developed machine to increase the sewing efficiency of basting process.



LT-591

Model name	LT-591
Max. sewing speed	600sti/min
Max. stitch length	Free
Needle	TVx7 (#14)

## Coverstitch Machine

High-speed, Flat-bed, Top and Bottom Coverstitch Machine (universal type)

**MF-7500-U11**

**MF-7500-U11/UT** 

**MF-7500D-U11** (semi-dry head) 

**MF-7500D-U11/UT** (semi-dry head)  

The machine can be used for the hemming process of the sleeves and bottoms of T-shirts and for the covering process for sportswear and knitwear.

The front cover is trimmed to allow operators to bring their hands closer near the needle entry area, thereby increasing work efficiency in the covering process, etc.



Model name	MF-7500/U11	MF-7500D/U11
Max. sewing speed	6,500sti/min	5,000sti/min
Needle gauge	3.2, 4.0, 4.8, 5.6, 6.4mm	5.6, 6.0, 6.4mm
Stitch length	1.2~3.6mm	
Needle	UY128GAS (#10S) #9S~#12S	



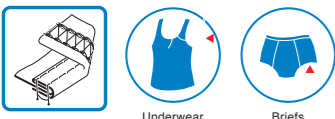
MF-7523-U11

High-speed, Flat-bed, Top and Bottom Coverstitch Machine (collarett attaching)

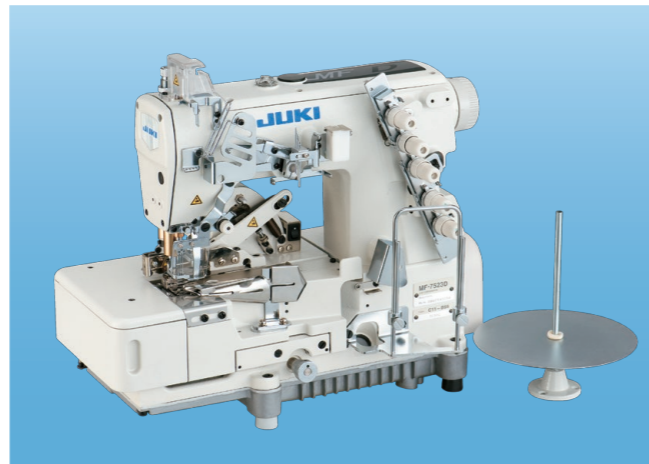
**MF-7500-C11**

**MF-7500D-C11** (semi-dry head) 

This model is best suited for attaching collarettas on underwear, briefs and knitwear. Ease of use is further improved by using the electromagnetic type tape cutter (TC16).



Model name	MF-7500-C11	MF-7500D-C11
Max. sewing speed	6,500sti/min	5,000sti/min
Needle gauge	3.2, 4.0, 4.8, 5.6, 6.4mm	4.0, 5.6, 6.4mm
Stitch length	1.2~3.6mm	
Needle	UY128GAS (#10S) #9S~#12S	



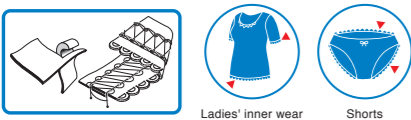
MF-7523D-C11

High-speed, Flat-bed, Top and Bottom Coverstitch Machine (elastic lace attaching with right hand fabric trimmer)

**MF-7500-E11**

**MF-7500D-E11** (semi-dry head) 

The machine is intended for the elastic lace attaching of shorts, lingerie and foundations. The right hand fabric trimmer cuts the multi-layered section of joined seams without fail to achieve uniformly and beautifully finished seams, with the seams and material-edge aligned.



Model name	MF-7500-E11	MF-7500D-E11
Max. sewing speed	6,500sti/min	5,000sti/min
Needle gauge	3.2, 4.0, 5.6, 6.4mm	4.0, 5.6, 6.4mm
Stitch length	0.9~3.6mm	
Needle	UY128GAS (#10S) #9S~#12S	



MF-7523-E11

## Coverstitch Machine

Semi-dry head, Cylinder-bed, Bottom Coverstitch Machine (with digital type top feed / For hemming <with left hand fabric trimmer>)

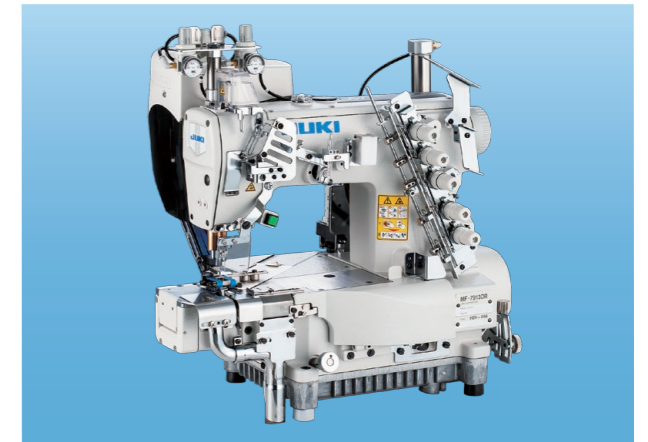
**MF-7912DRH24** 

**MF-7913DRH24** 

This mechanism prevents problems, such as twist of fabric, uneven material feed, skew of grain and stitch gathering on multi-layered sections of material, which are likely to occur when sewing elastic materials, thereby achieving stable seam quality.

Digital setting of the top feed mechanism enables easy adjustment of sewing even when the product to be sewn is changed, thereby reducing the setup time.

Model name	MF-7912DRH24	MF-7913DRH24
Stitch type	Semi-dry head, 2-needle bottom covering stitch	Semi-dry head, 3-needle bottom covering stitch
Max. sewing speed	5,000sti/min	
Feed mechanism	Digital type top feed	
Stitch length	0.9mm~3.6mm	
Needle	UY128GAS (#10S) #9S~#12S	



MF-7900DRH24

High-speed, Cylinder-bed, Top and Bottom Coverstitch Machine (universal type)

**MF-7900-U11**

**MF-7900-U11/UT** 

**MF-7900D-U11** (semi-dry head) 

**MF-7900D-U11/UT** (semi-dry head)  

The machine can be used for the hemming process of the sleeves and bottoms of T-shirts and for the covering process for sportswear and knitwear.

The front cover is trimmed to allow operators to bring their hands closer near the needle entry area, thereby increasing work efficiency in the covering process, etc.




Model name	MF-7900-U11	MF-7900D-U11
Max. sewing speed	6,500sti/min	5,000sti/min
Needle gauge	3.2, 4.0, 4.8, 5.6, 6.4mm	4.0, 5.6, 6.4mm
Stitch length	0.9~3.6mm	
Needle	UY128GAS (#10S) #9S~#12S	



MF-7923-U11

High-speed, Cylinder-bed, Top and Bottom Coverstitch Machine (hemming)

**MF-7900-H11**

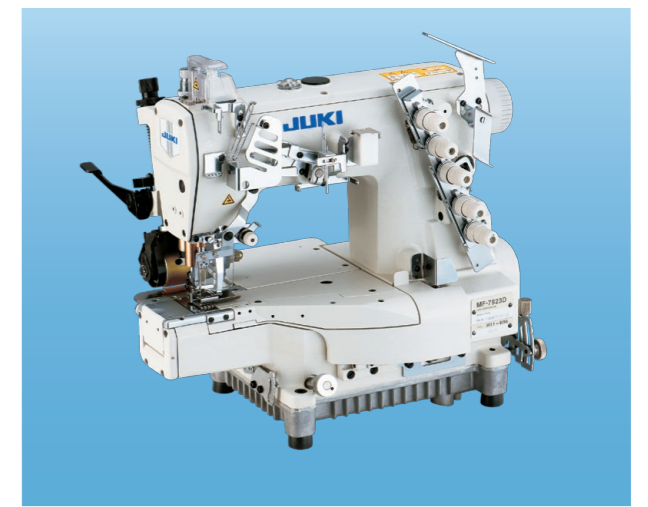
**MF-7900-H11/UT** 

**MF-7900D-H11/UT**  

The machine is intended for the hemming of knit shirts and T-shirts. This model is best suited to elastic-band wetting for swimwear, briefs, etc. It wets the elastic band which has been overlapped on the garment body.



Model name	MF-7900-H11	MF-7900D-H11
Max. sewing speed	5,000sti/min	
Needle gauge	5.6, 6.4mm	
Stitch length	0.9~3.6mm	
Needle	UY128GAS (#10S) #9S~#12S	



MF-7923-H11

## Coverstitch Machine

High-speed, Cylinder-bed, Top and Bottom Coverstitch Machine (hemming with left hand fabric trimmer)



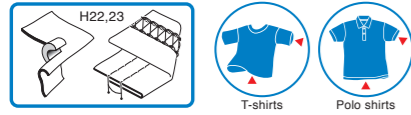
**MF-7900-H22,23**

**MF-7900-H22,23/UT**

**MF-7900D-H22,23** (semi-dry head)

**MF-7900D-H22,23/UT** (semi-dry head)

This model is best suited to hemming processes for sleeves and the bottoms of T-shirts, Polo shirts, etc. It comes with a left hand fabric trimmer for trimming fabric in parallel, at all times, to the seam with consistency. The upper knife stroke can be adjusted with ease.

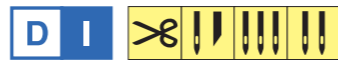


Model name	MF-7900-H22,23/UT	MF-7900D-H22,23
Max. sewing speed	6,000sti/min	5,000sti/min
Needle gauge	4.0, 4.8, 5.6, 6.4mm	4.8, 5.6, 6.4mm
Stitch length	0.9~3.6mm	
Needle	UY128GAS (#10S) #9S~#12S	



MF-7923D-H23

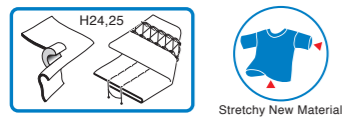
Semi-dry head, Cylinder-bed, Top & Bottom Coverstitch Machine (hemming with left hand fabric trimmer, for extra light-weight materials)



**MF-7900D-H24/UT**

**MF-7900D-H25/UT** (with sliding presser foot)

The machine is best-suited for the hemming of stretchy new material such as T-shirts, underwear and sportswear, etc. The machine produces seams with no semi-cylindrical swells by performing sewing while making the feeding lengths of the right and left needle threads equal. The sliding presser foot prevents the material hem from twisting during sewing and further eliminates oblique-feeding of the material in terms of its texture.



Model name	MF-7900D-H24	MF-7900D-H25
Max. sewing speed	5,000sti/min	
Needle gauge	3.2, 4.0, 5.6, 6.4mm	
Stitch length	0.9~3.6mm	
Needle	UY128GAS (#10S) #9~#12S	



MF-7923D-H24

High-speed, Cylinder-bed, Top and Bottom Coverstitch Machine (elastic band attaching with right hand fabric trimmer)



**MF-7900-E11**

**MF-7900-E11/UT**

**MF-7900D-E11** (semi-dry head)

**MF-7900D-E11/UT** (semi-dry head)

This model is best suited to endless flat elastic band sewing processes for briefs, boxer briefs, etc. The right hand fabric trimmer trims the fabric, even at a multi-layered joined part, to produce a beautiful finish with the seam and fabric edge aligned with consistency. The right hand fabric trimmer mechanism is a unit-structure to permit easy installation / removal. This contributes to easier adjustments, such as looper aligning.



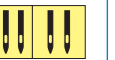
Model name	MF-7900-E11/PL	MF-7900D-E11
Lubrication	Automatic (frame: no lubrication)	
Max. sewing speed	5,000sti/min	
Needle gauge	4.0, 5.6, 6.4mm	5.6mm
Stitch length	0.9~3.6mm	
Needle	UY128GAS (#10S) #9S~#12S	



MF-7913D-E11

## Coverstitch Machine

High-speed, Cylinder-bed, Top and Bottom Coverstitch Machine (endless spandex elastic band attaching)



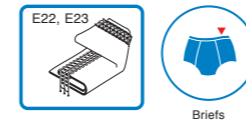
**MF-7900-E22** (with manual binder)

**MF-7900-E22/UT** (with manual binder)

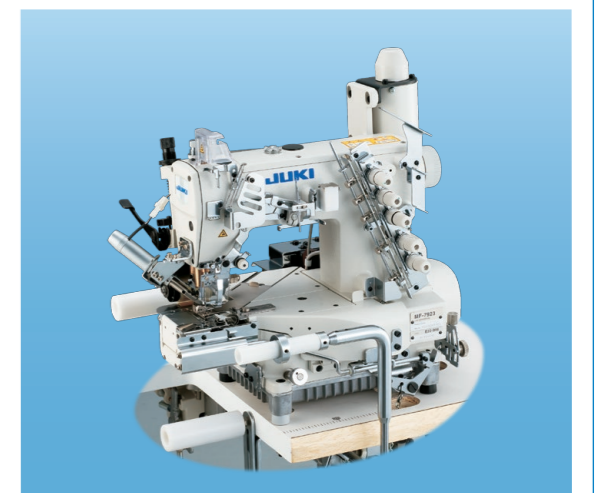
**MF-7900-E23** (with air binder)

**MF-7900-E23/UT** (with air binder)

The machine is used for spandex elastic band sewing processes for briefs. The machine produces soft seams, making it best-suited for band attaching processes where seams are required to have sufficient elasticity.



Model name	MF-7900-E22,23/PL
Lubrication	Automatic (frame: no lubrication)
Max. sewing speed	5,000sti/min
Needle gauge	5.6, 6.4mm
Stitch length	0.9~3.6mm
Needle	UY128GAS (#10S) #9S~#12S



MF-7923-E22

Semi-dry-head, Small-cylinder-bed, Top and Bottom Coverstitch Machine



**MF-7200D-U10** (universal type)

**MF-7200D-K10** (covering)

The small cylinder-bed and semi-dry head features have been achieved while placing priority on ease of use.

Outer circumference of the cylinder section is 176mm!! The cylinder has the industry's smallest diameter.

The outer circumference of the cylinder section has been reduced to 176mm. This allows the sewing machine to easily sew conventionally hard-to-sew small-in-diameter tubular parts such as the sleeve cuffs of sportswear and ladies' cut-and-sewn wear and the necklines of children's wear.

Model name	MF-7200D
Lubrication	Automatic (frame: no lubrication)
Max. sewing speed	4,000sti/min
Needle gauge	5.6, 6.4mm
Stitch length	Max. 4.2mm
Needle	UY128GAS (#10S) #9S~#12S



MF-7223D-U10

4-needle, Feed-off-the-arm, Flatseamers, Top and Bottom Coverstitch Machine



**MF-3620**

A new model with a direct-drive servomotor has been introduced as an addition to the MF Series of JUKI sewing machines. The new machine consumes only about half the power of the conventional models. The enhanced responsiveness (compared with the model equipped with the clutch motor) of the MF-3620 gives the operator complete control over the material when sewing curved sections. Safely within its new shield, the frame is equipped with mechanisms for micro-quantity lubrication and forced oil circulation. The thread take-up mechanism arranged on the outside of the arm prevents the entry of oil splashes and dust. The MF-3620 is also configured with JUKI's unique oil-thruster mechanism to protect the looper section from oil infiltration. Excess oil is speedily reclaimed via the new oil groove. A mounting base for the direct-drive type machine head is provided as standard with a hand pulley.

Model name	MF-3620-B (direct-drive type)	MF-3620 (belt-drive type)
Application	Light- to heavy weight (knit)	
Max. sewing speed	4,200sti/min	
Stitch length	1.6~2.5mm (standard 2.1mm)	
Needle gauge	5.2, 6.0mm	
Needle	FLx118GCS (#10S) #9S~#12S	
Retainer needle	FLG-8 (#8) #8~#11	
Installation method	Standard type (with hand pulley)	MT05 Wooder auxiliary plate



MF-3620

## Chainstitch Machine

### 1-needle, Double Chainstitch Machine

**MH-481-5**

**MH-481**

**MH-484-5** (differential-feed)

**MH-484** (differential-feed)

**MH-486-5** (bottom and variable top-feed)

The machine comes with a thread spreading mechanism and an adjustable needle guard to prevent stitch skipping. The thread clamp mechanism, tension release mechanism and needle thread draw-out mechanism enable the machine to leave thread of a uniform length after thread trimming, and prevent slip-off of the needle thread. All of these mechanisms contribute to upgraded sewing.

Model name	MH-481-5, 481	MH-484-5, 484	MH-486-5
Max. sewing speed	5,500sti/min		4,500sti/min
Stitch length	1~4mm	Main feed: 1~4mm Differential feed: 1~5.6mm	1~5mm
Presser foot	By knee: 10mm		By knee: 7mm
Needle	TVx7 (#11) #9~#18		TVx7 (#11) #9~#21



MH-481-5

### High-speed, Flat-bed, 2-needle Double Chainstitch Machine

**MH-380** (parallel 2-needle)

**MH-382** (tandem 2-needle)

Accurate stitching performance and durable finished seams are particularly necessary in the chainstitching process. JUKI ensures high-quality sewing with a higher degree of consistency with its unique looper mechanism and consistent condensation stitching mechanism.

Model name	MH-380, 382
Max. sewing speed	6,000sti/min
Stitch length	1~4mm
Presser foot	By knee: 10mm
Needle	TVx7 (#14) #9~#21



MH-382, MH-380

### Feed-off-the-arm, 3-needle Double Chainstitch Machine

**MS-3580**

This machine demonstrates increased feed efficiency to handle extra heavy weight 16-ply denim. Engineered with extra feeding strength for seaming the inside of jeans. The machine is best suited for lap seaming jeans, denim jackets, work uniforms, etc. constructed of heavy weight materials.

Model name	MS-3580S*1SN	MS-3580S*0SN
Application	Medium- to heavy-weight: jeans, denim jackets, work uniforms, etc.	
Max. sewing speed	4,500sti/min	
Stitch length	2.1~3.6mm (standard 3.2mm)	
Needle	UY130GS (standard) / Nm140 (#22)	
Top feed roller width	11.9mm	
Feed adjusting method	Main feed: Slide-type stitch-length adjusting method Differential feed: Lever adjusting method	
Installation method	Without the differential feed capability To be installed on the table by means of an auxiliary drive assembly MT03	



MS-3580S

## Chainstitch Machine

### High-speed, Feed-off-the-arm, 3-needle Double Chainstitch Sewing System (Digital workstation)



**MS-1261A/DWS** (for heavy-weight)

Thanks to the thread guide located between the needle bar thread take-up and the intermediate tension release lever, the timing to tense the needle thread can be decreased. As a result, the machine is capable of beautiful stitches with a soft appearance even when heavy-weight material is used.

#### Management, browsing and editing of data can be carried out on the application software

A "Two-way" contactless communication for parameter adjustment data can be conducted with the sewing machine by a commercial Android terminal. This feature allows sewing machines in a sewing line to be uniformly set and status checked quickly, thereby contributing to stabilization in product quality. Control panel is standardized with USB ports, promising simplicity in data management and system updates.

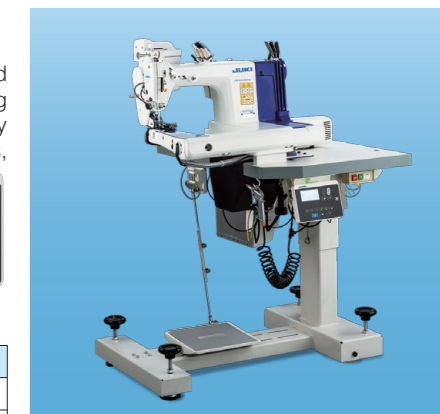


\*Android OS Version 6.0 is recommended to use JUKI Smart APP. (Operation is confirmed with respect to Versions 5.0 and later.)

Contact JUKI distributor in your area for how to use the application software.

The sewing machine can be paired with equipment which supports NFC (Near Field Communication) only by holding the equipment over the sewing machine.

Model name	MS-1261AM	MS-1261A
Application	Medium- to heavy-weight	Extra heavy-weight
Max. sewing speed	5,500sti/min	
Needle gauge	5.6mm (7/32") 6.4mm (1/4") 7.1mm (9/32") 7.9mm (5/16") 9.5mm (3/8")	
Stitch length	1.4~4.2mm	
Needle	UY128GAS-NY (#19) #16~#22 UY128GAS (Nm120) Nm100~Nm140	UY128GAS-NY (#21) #16~#22 UY128GAS (Nm130) Nm100~Nm140
Lubrication	Automatic Lubrication	



MS-1261A/DWS

### Feed-off-the-arm, Double Chainstitch Machine

**MS-1190** (2-needle, for light- to medium weight)

**MS-1261** (3-needle, for heavy-weight)

Thanks to the thread guide located between the needle bar thread take-up and the intermediate tension release lever, the timing to tense the needle thread can be decreased. As a result, the machine is capable of beautiful stitches with a soft appearance even when heavy-weight material is used.

Model name	MS-1190	MS-1190M
Application	Light-weight	Medium-weight
Max. sewing speed	4,000sti/min	
Needle gauge	3.2mm (1/8")~6.4mm (1/4")	
Stitch length	1.2~3.2mm	
Needle	TVx64-NY (#12) #8~#14 B-64 (Nm80) Nm60~Nm90	TVx64-NY (#16) #12~#19 B-64 (Nm100) Nm80~Nm120

Model name	MS-1261M	MS-1261
Application	Medium- to heavy-weight	Extra heavy-weight
Max. sewing speed	3,600sti/min	
Needle gauge	5.6mm (7/32")~9.6mm (3/8")	
Stitch length	1.4~4.2mm	
Needle	UY128GAS-NY (#19) #16~#22 UY128GAS (Nm120) Nm100~Nm140	UY128GAS-NY (#21) #16~#22 UY128GAS (Nm130) Nm100~Nm140



MS-1261/V045

### Pinpoint Saddle Stitching Machine

**MP-200N**

The machine is able to perform sewing with a reduced tension applied to the thread, thereby widening its application range. With its upgraded responsiveness to changes in materials and processes, the machine always produces beautiful and soft pinpoint stitches.

Model name	MP-200NL
Max. sewing speed	1,500sti/min (stitch length 6~8mm)
Needle	Needle
	Hook-needle
	Recommended yarn count

Model name	MP-200NS
Max. sewing speed	2,000sti/min (stitch length 6mm or less)
Needle	Needle
	Hook-needle
	Recommended yarn count



MP-200NL

## Chainstitch Machine

### Single-thread, Chainstitch Basting Machine

#### ML-111U

Chainstitch is continuously formed with a single thread and by a blind looper which eliminates the need for a bobbin thread refilling. In addition, the basted seam can be easily undone.



ML-111U

Model name	ML-111U
Max. sewing speed	1,800sti/min
Max. stitch length	10mm
Presser foot	By knee: 12mm
Needle	TVx7 (#14) #11~#14

## Button Sewing Machine

### Computer-controlled, High-speed, Lockstitch, Button Sewing System



#### LK-1903BNB

(bird's nest preventing / shorter-thread remaining functions)

Users who are conscious about the finished quality of products manually nip, with scissors, the thread remaining on the material after thread trimming at the end of sewing. Now, the button sewing machine with the bird's nest preventing/shorter thread remaining functions saves such users the trouble of nipping the thread, thereby preventing the sewing product from being damaged by manual thread-nipping with scissors.

\* Use #60-80 (TEX22-30) polyester spun thread



LK-1903BNB

#### LK-1903BN (standard type)

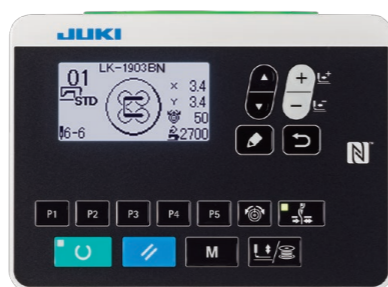
The machine achieves sewing speed of 2,700sti/min. The machine's starting, stopping, thread-trimming and automatic presser lifting speeds have been increased to significantly shorten total cycle time. With our original horizontal forced feed mechanism, the button carrier sets a button in position so that the operation is simplified. Furthermore, operator fatigue is reduced since what operator needs to do is only setting material and pressing a pedal.

#### LK-1903BN/BR35 (with button feeder)

With our original horizontal forced feed mechanism, the button carrier sets a button in position so that the operation is simplified. Furthermore, operator fatigue is reduced since what operator needs to do is only setting material and pressing a pedal.

### Management, browsing and editing of data can be carried out on the application software

A "Two-way" contactless communication for parameter adjustment data can be conducted with the sewing machine by a commercial Android terminal. This feature allows sewing machines in a sewing line to be uniformly set and status checked quickly, thereby contributing to stabilization in product quality. Control panel is standardized with USB ports, promising simplicity in data management and system updates.



\*Android OS Version 6.0 is recommended to use JUKI Smart APP.  
(Operation is confirmed with respect to Versions 5.0 and later.)  
Contact JUKI distributor in your area for how to use the application software.

The sewing machine can be paired with equipment which supports NFC (Near Field Communication) only by holding the equipment over the sewing machine.

Model name	LK-1903BNB	LK-1903BN	LK-1903BN/BR35
Max. sewing speed	2,700sti/min		
Button size	Type : Round-shaped, flat button Size : $\phi 8 \sim \phi 20$ mm 301 : $\phi 8 \sim \phi 20$	Type : Round-shaped, flat button Size : $\phi 8 \sim \phi 32$ mm 301 : $\phi 8 \sim \phi 20$ 302 : $\phi 10 \sim \phi 20$ OPTION : $\phi 15 \sim \phi 32$	Type : Round-shaped, flat button (2-holed, 4-holed) Size : $\phi 9 \sim \phi 20$ mm For small button: $\phi 10 \sim \phi 15$ mm For medium-sized button: $\phi 12 \sim \phi 18$ mm (Those that are smaller than $\phi 10$ mm or larger than $\phi 18$ mm must be specially ordered.) Thickness: 1.8~3.5mm
Stitch length	0.1~10mm (0.1mm step)		
Lift of the work clamp foot	Max. 10mm	Max. 13mm	Max. 11mm
Number of standard patterns	34 patterns	50 patterns	
Number of data that can be input	200 patterns		
Needle	DPx17 (#11)	DPx17 (#14)	

## Button Sewing Machine

### Computer-controlled, Dry-head, High-speed, Single-thread, Chainstitch Button Sewing Machine



#### MB-1800A/BR10 (with button feeder)

#### MB-1800B (with wiper unit)

#### MB-1800S

The machine is able to independently sew various stitching shapes such as U-shaped stitching, X-shaped stitching and Z-shaped stitching. The machine has 55 different stitching patterns as standard. In addition to the sewing shapes, the buttonhole intervals and number of stitches can also be changed on the operation panel.



MB-1800A/BR10

Model name	MB-1800A/BR10	MB-1800B	MB-1800S
Max. sewing speed	1,800sti/min		
Amount of feed	Crosswise feed 0~4.0mm, Lengthwise feed 0~4.0mm	Crosswise feed 0~10mm, Lengthwise feed 0~6.5mm	
Applicable buttons	Type: Round-shaped flat buttons Size: $\phi 10 \sim \phi 18$ mm Size: $\phi 10 \sim \phi 28$ mm		
Stitching shape	□, -, X, X, Z, □, T, I, -, I △, ▽, △, ▽		
Button feed mode	Automatic feed mode, non-feed mode, and small-lot sewing mode	-	
Needle	TQx7 (#16) #14~#20		

### Single-thread, Chainstitch, Button Sewing Machine

(thread-fray-prevention ON/OFF changeover mechanism)



#### MB-1377 (quick stitch shape changing mechanism)

#### MB-1373

The machine is provided as standard with a "thread-fray-prevention ON/OFF changeover mechanism" to help produce beautiful seams with added durability. Stitch shape can quickly be changed over between X and □ button-hole configurations. (only for MB-1377)

Model name	MB-1377	MB-1373
Max. sewing speed	1,500sti/min	
Number of stitches	8, 16, and 32 stitches	
Feed length (crosswise feed)	2.5~6.5mm	
Feed length (lengthwise feed)	0~4.5mm	0~6.5mm
Stitching shape	□, X, -	□, -
Applicable button	Shank button, Wrapped-around button, Snap, Label, Metal button, Stay button (exclusive attachments have to be used)	
Button size	$\phi 10 \sim \phi 28$ mm	
Thickness of button	1.8~3.5mm (options max. 5mm)	
Needle	TQx1 (#16) #14~20	



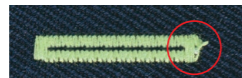
MB-1377

Computer-controlled, High-speed, Buttonholing Sewing System

### LBH-1790ANB

(shorter-thread remaining functions)

The newly-developed shorter-thread remaining mechanism trims the thread short and eliminates the trouble of manual thread nipping.



\*Remaining length of thread varies with sewing conditions.

### LBH-1790AN

The LBH-1790AN Series follows the world's highest sewing speed and dry-head mechanism of its predecessor model. In addition, this machine comes with the latest model operation panel which is installed with a USB port. Furthermore, all drive mechanisms have been digitalized to manage each sewing pattern individually. The maximum sewing speed is 4,200sti/min., and the jump speed is 200mm/s. The cycle time has been further reduced for continuous sewing.

### LBH-1795AN (120mm presser type)

The knife supports sewing lengths of 41mm at the maximum. Since the LBH-1795ANS is provided as standard with the 120mm presser, it is capable of sewing 120mm long buttonholes. The LBH-1795ANS is capable of sewing long buttonholes such as belt holes in car seats. In addition, it is applicable to the sewing of buttonholes in men's shirts (continuous sewing of two buttonholes and the use of two units of sewing machines), etc.

### LBH-1796AN (220mm presser type)

The LBH-1796AN is a subclass model of the LBH-1790AN Series. This product is provided with a 220mm work clamp foot. It follows the world's highest sewing speed, deeply recessed shape of the machine head and dry-head mechanism of the existing LBH-1790AN. In addition, the LBH-1796AN can also be used as a simplified indexer to sew three buttonholes in a row.

Management, browsing and editing of data can be carried out on the application software

A "Two-way" contactless communication for parameter adjustment data can be conducted with the sewing machine by a commercial Android terminal. This feature allows sewing machines in a sewing line to be uniformly set and status checked quickly, thereby contributing to stabilization in product quality. Control panel is standardized with USB ports, promising simplicity in data management and system updates.

\*Android OS Version 6.0 is recommended to use JUKI Smart APP. (Operation is confirmed with respect to Versions 5.0 and later.) Contact JUKI distributor in your area for how to use the application software.

The sewing machine can be paired with equipment which supports NFC (Near Field Communication) only by holding the equipment over the sewing machine.



LBH-1790AN



LBH-1796AN



Model name	LBH-1790ANB	LBH-1790AN	LBH-1795AN	LBH-1796AN
Max. sewing speed	Max. 4,200sti/min, Normal 3,600sti/min When the non-lubricated hook (optional) is used: 3,300sti/min			
Size of cloth cutting knife	6.4~22.2mm (1/4"~7/8")	6.4~31.8mm (1/4"~1-1/4")		6.4~25.4mm
Bartacking width	Max. 4.0mm	Max. 5.0mm(with special-specification part:Max. 10mm*)		Max. 5.0mm
Buttonhole length	Max. 25mm	Max. 41mm (optional: 70mm, 120mm)	Max. 120mm	Max. 220mm
Lift of the work clamp	14mm (17mm when the reverse-rotation needle-up function is used)			Parallel lifting 6mm
Number of standard patterns	31 patterns			
Number of patterns that can be input	Max. 99 patterns			
Needle	DPx5 (#11J) #11J~#14J			

1-needle, Lockstitch Buttonholing Machine

### LBH-780

Smooth operation contributes to high-quality finished buttonholes and a higher degree of efficiency.

Model name	LBH-780
Max. sewing speed	3,600sti/min
Lift of the work clamp	Max. 12mm
Number of stitches	54~345 (by gear-change method)
Buttonhole length	6.4~38.1mm
Needle	DPx5 #11J, 134 Nm75



LBH-782

Computer-controlled, Eyelet Buttonholing Sewing System (for jeans and cotton pants)

### MEB-3900

The MEB-3900 reduces the machine time due to its maximum sewing speed of 2,500 sti/min and its speed-up cloth cutting knife, thereby demonstrating increased productivity.

Then newly adopted direct-driven main shaft by means of a compact AC servomotor not only achieves enhanced responsiveness, but also achieves both reduced noise and reduced vibration. In addition, the machine has adopted an air-driven cloth cutting knife which promises excellent responsiveness and operates faster than the conventional knife.

Model name	MEB-3900J	MEB-3900C
Application	Jeans	Cotton pants and working wear
Stitch system	1-needle, double chainstitch (with gimp)	
Sewing speed	400~2,500sti/min	
Stitch length	10~38mm (needle thread trimming type) 10~34mm (overall thread trimming type)	
Needle throwing width	Mechanical adjustment of the needle throwing width: 2.0~4.0mm Compensation of the needle throwing width (by the lower feed dog): 1.5~5.0mm	
Taper bar length	3~15mm	
Needle	DOx558 (Nm110) Nm90~Nm120	

Management, browsing and editing of data can be carried out on the application software

A "Two-way" contactless communication for parameter adjustment data can be conducted with the sewing machine by a commercial Android terminal. This feature allows sewing machines in a sewing line to be uniformly set and status checked quickly, thereby contributing to stabilization in product quality. Control panel is standardized with USB ports, promising simplicity in data management and system updates.

\*Android OS Version 6.0 is recommended to use JUKI Smart APP. (Operation is confirmed with respect to Versions 5.0 and later.) Contact JUKI distributor in your area for how to use the application software.

The sewing machine can be paired with equipment which supports NFC (Near Field Communication) only by holding the equipment over the sewing machine.



MEB-3900J



Computer-controlled, Eyelet Buttonholing Machine

### MEB-3200

The electronically controlled machine permits the selection and setting of various eyelet shapes. With its new technology called "active tension" (electronic thread tension mechanism), the machine is capable of duplicating the same sewing conditions with ease.

The multi-cutting device incorporates a separate cloth cutting knife with two sections of blade --- one intended for the eyelet sections of buttonholes and one intended for straight sections.

When sewing men's wear, the machine can sew eyelet buttonholes on a front body and straight buttonholes on a lapel without changing the knife.

Model name	MEB-3200SS	MEB-3200RS	MEB-3200JS	MEB-3200CS	MEB-3200TS
Thread trimming style	Longer remaining thread		Shorter remaining thread		
Sewing speed	400~2,200sti/min (100sti/min step)				
Sewing length	10~38mm (with thread trimmer) 10~50mm (in case looper thread trimming device is removed)*1	Work clamp type S 16~24 (26)mm: optional Work clamp type M 24~32 (34)mm: standard Work clamp type L 32~40 (42)mm: optional	Work clamp type S 16~24 (26)mm: standard Work clamp type M 24~32 (34)mm: optional Work clamp type L 32~40 (42)mm: optional	Work clamp type S 16~24 (26)mm: standard Work clamp type M 24~32 (34)mm: optional Work clamp type L 32~40 (42)mm: optional	10~34mm Compensating work clamp S, 24mm for eyelet buttonholes: standard
Needle throwing width	2~3.2mm*2		2.6~4.0mm*2	2.0~3.2mm*2	2.0~3.2mm
Taper bar length	0mm, 3~15mm				
Needle	DOx558 (Nm100) Nm90~Nm110		DOx558 (Nm120) Nm110~Nm120	DOx558 (Nm110) Nm110~Nm130	DOx558 (Nm100) Nm100~Nm110

\*1 When the sewing length of 38~50mm without thread trimmer is selected, the work clamp can be provided by placing special order.

\*2 By selecting the left looper and left spreader, the range of stitch bite can be changed to 2.6~4.0mm from 2.0~3.2mm (TS model is excluded)



MEB-3200

## Bartacking Machine

Computer-controlled, High-speed, Bartacking Sewing System



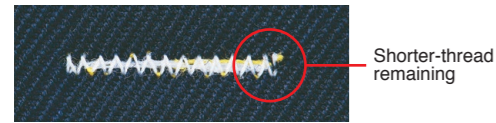
### LK-1900BNB

(bird's nest preventing / shorter-thread remaining functions)

The sewing machine eliminates so-called "bird's nests" (thread tangling in on the wrong side of the material at the beginning of sewing). Length of thread remaining on the material at the end of sewing has been reduced to 2mm or less\*.

\* Remaining length of thread varies with sewing conditions.  
\* Use #60-80 (TEX22-30) polyester spun thread

\* Remaining length of thread varies with sewing conditions.  
\* Use #60-80 (TEX22-30) polyester spun thread



Finishing of the Bird's nest preventing/shorter-thread remaining functions (on the wrong side)



LK-1900BNB

### LK-1900BN

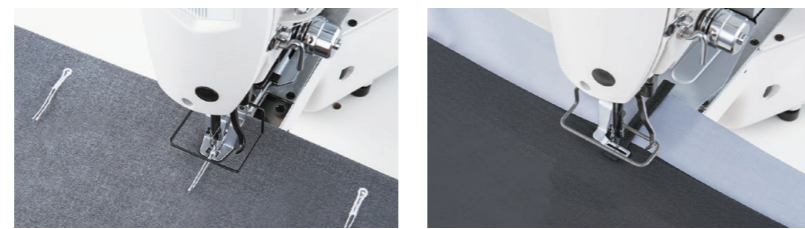
The machine achieves sewing speed of 3,200sti/min. The machine's starting, stopping, thread-trimming and automatic presser lifting speeds have been increased to significantly shorten total cycle time.

### LK-1901BN (eyelet buttonholes)

The machine is provided with a material-drawing mechanism which draws the right and left parallel portions of an eyelet buttonhole near to one another. The machine performs bartacking with the right and left parallel portions of the eyelet buttonhole drawn near to one another after the buttonhole is clamped under the work clamp foot, thereby finishing highly durable and well-tensed eyelet buttonholes.

### LK-1902BN (belt-loop-attaching)

The machine is provided as standard with six different linear bartacking patterns. Since the sewing size can be easily changed, the optimal number of stitches and sewing size can be speedily selected according to the belt-loop width. If the normally used patterns are assigned to the patterns keys, a desired pattern can be called up or changed with single-key operation.



LK-1901BN

LK-1902BN

**Management, browsing and editing of data can be carried out on the application software**

A "Two-way" contactless communication for parameter adjustment data can be conducted with the sewing machine by a commercial Android terminal. This feature allows sewing machines in a sewing line to be uniformly set and status checked quickly, thereby contributing to stabilization in product quality. Control panel is standardized with USB ports, promising simplicity in data management and system updates.



\*Android OS Version 6.0 is recommended to use JUKI Smart APP. (Operation is confirmed with respect to Versions 5.0 and later.) Contact JUKI distributor in your area for how to use the application software.

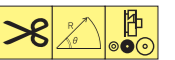
The sewing machine can be paired with equipment which supports NFC (Near Field Communication) only by holding the equipment over the sewing machine.

Model name	LK-1900BN-SS	LK-1900BN-HS	LK-1900BN-FS	LK-1900BN-MS	LK-1900BN-WS
Application	Standard	For heavy-weight materials	For foundation	For knits and knitted materials	With large hook for heavy-weight materials
Max. sewing speed	3,200sti/min				2,700sti/min
Sewing area	30mm (L) x 40mm (W)				
Stitch length	0.1~10mm (0.1mm step)				
Lift of the work clamp foot	Standard 14mm (17mm when the reverse-rotation needle-up function)				
Number of stitches that can be stored in memory	Max. 20,000 stitches				
Number of standard patterns	51 patterns				
Number of data that can be input	200 patterns				
Needle	DPx5 (#14)	DPx17 (#21)	DPx5 (#11)		DPx17 (#21)

Model name	LK-1900BN-BS	LK-1900BN-BF	LK-1901BN-SS	LK-1902BN-SS	LK-1902BN-HS
Application	Standard	For foundation	Standard	Standard	For heavy-weight materials
Max. sewing speed	3,200sti/min		3,000sti/min		
Sewing area	30mm (L) x 40mm (W)				
Stitch length	0.1~10mm (0.1mm step)				
Lift of the work clamp foot	Standard 11mm (by using the reverse-rotation needle-up function 14mm)		Standard 14mm (17mm when the reverse-rotation needle-up function)		
Number of stitches that can be stored in memory	Max. 20,000 stitches				
Number of standard patterns	50 patterns		—		
Number of data that can be input	200 patterns (for up to 150 patterns, sewing data can be added.)		200 patterns		
Needle	DPx17 (#14)	DPx17 (#11)	DPx5 (#14)		DPx17 (#21)

## Shape-tacking Machine

Computer-controlled, High-speed Shape-tacking Machine



### LK-1910

LK-1920 (with intermediate presser)

The sewing speed of 2,500 sti/min is the fastest-level sewing speed among the shape-tacking machines.

The sewing machine has adopted a semi-rotary two-fold capacity hook. In addition, the sewing machine comes with enhanced functions such as the feeding frame with a higher lift and the direct-drive machine head that provides excellent responsiveness and stop accuracy support the machine's high-speed performance, thereby achieving increased productivity.



LK-1920

Model name	LK-1910S, 20S	LK-1910H, 20H
Application	Standard	Heavy-weight
Sewing area	60mm (L) x 100mm (W)	
Max. sewing speed	2,500sti/min	
Stitch length	0.1~10mm	
Number of data that can be input	64 patterns	
Needle	DPx5 (#14)	DPx17 (#18)

## Computer-controlled Cycle Machine

Computer-controlled Cycle Machine with Input Function



### AMS-221F-2516(x: 250mm x Y: 160mm)

### AMS-221F-3020(x: 300mm x Y: 200mm)

AMS-221F has achieved increased productivity with its maximum sewing speed of 2,800 sti/min and beautifully finished seams with its new feed control system.

The active tension can be changed over with the memory switch between the low-tension side output and the high-tension side output to enable fine adjustment of the thread tension in the actual area of use.

**Management, browsing and editing of data can be carried out on the application software**

A "Two-way" contactless communication for parameter adjustment data can be conducted with the sewing machine by a commercial Android terminal. This feature allows sewing machines in a sewing line to be uniformly set and status checked quickly, thereby contributing to stabilization in product quality. Control panel is standardized with USB ports, promising simplicity in data management and system updates.



AMS-221F-2516

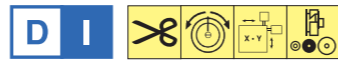
\*Android OS Version 6.0 is recommended to use JUKI Smart APP. (Operation is confirmed with respect to Versions 5.0 and later.) Contact JUKI distributor in your area for how to use the application software.

The sewing machine can be paired with equipment which supports NFC (Near Field Communication) only by holding the equipment over the sewing machine.

Model name	AMS-221F-S	AMS-221F-H	AMS-221F-G
Application	Light- to medium-weight	Medium- to heavy-weight	Heavy- to Extra heavy-weight
Max. sewing speed	2,800sti/min		
Sewing area	0.1~12.7mm (0.05mm step)		
Storage of pattern data in the memory	Main-body memory : Max. 50,000,000 stitches, 999 patterns (max. 50,000 stitches / pattern) External media : Max. 50,000,000 stitches, 999 patterns (max. 50,000 stitches / pattern)		
Needle	DPx5 (#14)	DPx17 (#18)	DPx17 (#23)



Computer-controlled Cycle Machine with Input Function



**AMS-210EN-1306** (X: 130mm x Y: 60mm)

**AMS-210EN-1510** (X: 150mm x Y: 100mm)

**AMS-210EN-2210** (X: 220mm x Y: 100mm)

**AMS-221EN-2516** (X: 250mm x Y: 160mm)

**AMS-221EN-3020** (X: 300mm x Y: 200mm)

The sewing machine achieves the highest sewing speed, 2,800sti/min, in the industrial sewing machine industry. As a result, cycle time is dramatically reduced. The feed accuracy is substantially improved due to the adoption of the encoder control system. The new AMS Series models substantially decrease power consumption when compared with the conventional ones. They have been designed to achieve eco-friendliness.

**AMS-210EN-1306 (X: 130mm x Y: 60mm)**

The sewing machine flexibly supports the sewing of small articles such as labels and emblems. The sewing machine's small sewing area promises ease of use when handling small articles, thereby enabling smooth sewing operation.

**AMS-210EN-1510 (X: 150mm x Y: 100mm)**

The 1510 model is well received in the market due to its moderate-sized sewing area. Responding to market demand, the 1510 area model with a motor-driven feeding frame has been newly developed. This model can be used in a plant which is not provided with pneumatic equipment.

**AMS-210EN-2210 (X: 220mm x Y: 100mm)**

This model has a sewing area that is best-suited to the sewing of large parts, including the shape-tacking of jean pockets. With this model, you may recognize the higher productivity of the cycle machine.

**AMS-221EN-2516 (X: 250mm x Y: 160mm)**

The sewing machine is best-suited to the sewing of large labels and emblems, the sewing of two or more pieces of small labels and emblems at one time, and the shape-tacking of bags and shoes. The sewing machine is applicable to a broad range of materials and processes, while leading the industrial sewing machine industry in terms of improvement in quality and the promotion of production that does not require sewing-machine operators to have special skills.

**AMS-221EN-3020 (X: 300mm x Y: 200mm)**

The sewing machine is applicable to sewing products which require a wider sewing area than that of the "AMS-221EN-2516." It is best-suited to the attaching of handles to bags and the shape-tacking of boots and shoes. The sewing machine is flexibly applicable to sewing requiring a medium sewing area.



AMS-210EN-1510

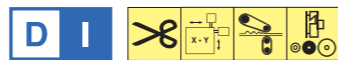


AMS-221EN-2516

Model name	AMS-210EN-SS	AMS-210EN-HS	AMS-221EN-SL	AMS-221EN-HL
Application	Light- to medium-weight	Medium- to heavy-weight	Light- to medium-weight	Medium- to heavy-weight
Max. sewing speed	2,800sti/min*			
Stitch length	0.1~12.7mm (0.05mm step)			
Storage of pattern data in the memory	Main-body memory: Max. 500,000 stitches, 999 patterns (max. 50,000 stitches / pattern) External media: Max. 50,000,000 stitches, 999 patterns (max. 50,000 stitches / pattern)			
Needle	DPx5 (#14)	DPx17 (#18)	DPx5 (#14)	DPx17 (#18)

\*Stitch length is 4mm or less for the AMS-210EN and 3.5mm or less for the AMS-221EN.

Computer-controlled Cycle Sewing Machine with Input Function (name embroidery type)



**AMS-210EN-1306/7450**

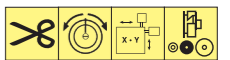
This is the name (alphabetic/Japanese/Chinese characters) embroidering machine which achieves the embroidering-machine industry's highest sewing speed of 2,000sti/min. The sewing machine is a computer-controlled cycle machine provided with an input function. Once the operator places a piece of material on the sewing machine, the sewing machine carries out the entire sequence of embroidering according to the preliminarily input name data from start to the thread trimming under finish in a fully-automatic manner. With this function, the machine enables even an inexperienced operator to beautifully and speedily embroider names with accuracy.



AMS-210EN-SS1306SA/7450

Model name	AMS-210EN-1306/7450
Application	Standard (light- to medium-weight)
Max. sewing speed	2,000sti/min
Sewing area	X: 130mm x Y: 60mm
Stitch length	0.1~12.7mm (0.05mm step)
Storage of pattern data in the memory	Main-body memory: Max. 500,000 stitches, 999 patterns (max. 50,000 stitches / pattern) External media: Max. 50,000,000 stitches, 999 patterns (max. 50,000 stitches / pattern)
Needle	DPx17 (#11)

Computer-controlled Cycle Sewing Machine with Input Function (for shape-tacking of jean pockets)



**AMS-210ENHL-2210/X90003**

Even an inexperienced operator is able to sew shape-tacking of jean pockets only by placing a pocket piece on the sewing machine and carrying out the start operation. Pattern can be changed without using a tool in the case of changing the design, sewing size, etc.

- The possible pocket stitching range is 220 mm (W) x 100 mm (L).
- The stacker is provided for the sewing machine as standard and is able to stack 50 pockets.

Model name	AMS-210ENHL-2210/X90003
Application	Medium- to heavy-weight
Max. sewing speed	2,800sti/min
Pocket size	110~220mm (W) x 110~230mm (L)
Needle	DPx17 (#18)
Thread	#50~#2



AMS-210ENHL-2210/X90003

Computer-controlled Cycle Sewing Machine with Input Function (polo-shirts placket device)



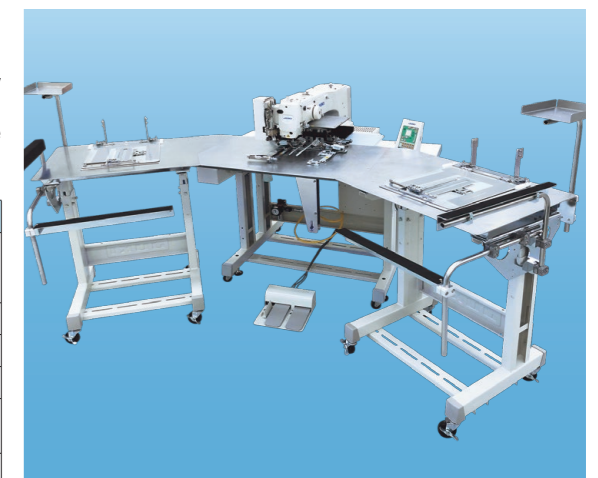
(Single Placket with Top stitch type for mens) (Dubble Placket type for mens)  
(Single Placket with Top stitch type / Dubble Placket type for mens)

**AMS-221ENHS-3020**

The machine fully automatizes a series of sewing placket processes. The machine carries out a series of placket setting processes at 21 sec/pcs (Single Placket). It achieves 4.7 times as productive as general-purpose machines. This device is able to place a placket on garment body while the machine is still engaged in the sewing of the current placket. This means higher productivity can be achieved simply with one machine.

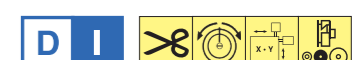
- The machine can sew V-shape stitch, and Dimple-shaped depression by automatic is fewer than by manual work.
- Topstitch is produced at the place 1.5mm to 3.0mm from the edge of the under placket.

Model name	AMS-221ENHS-3020/Polo-shirts Placket Device	
Description	Single Placket with Top stitch type	Dubble Placket type
Application	Medium weight	
Max. sewing speed	2,500sti/min	
Needle	135x17(No. 65~75), DPx17 (#9~#11)	
Sewing area	4~6mm(W) x less than 200mm(L)	20~50mm(W) x less than 200mm(L)
Placket material size	90~130mm(W) x less than 235mm(L)	48~113mm(W) x less than 235mm(L)



AMS-221ENHS-3020

Computer-controlled Cycle Sewing Machine with Input Function (Polo-shirts placket with Transport device)



**AMS-221ENHS-3020/X90014** (Single Placket with Top stitch type for mens)

**AMS-221ENHS-3020/X90026** (Double Placket for mens)

- It is an automatic machine equipped with a transport device to reduce operator's work in polo-shirts placket process. Just by setting the placket with pedal operation and push button, sewing can be done. It is equipped with stacker, we will stack the finished products automatically on the stacker table.
- It achieves 5.2 times as productive as general-purpose machines.(for Single type)

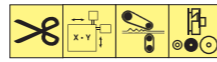
Model name	AMS-221ENHS-3020/X90014	AMS-221ENHS-3020/X90026
Application	Medium weight	
Max. sewing speed	2,500sti/min	
Needle	135x17(No. 65~75), DPx17 (#9~#11)	
Sewing area	4~6mm(W) x less than 200mm(L)	20~50mm(W) x less than 200mm(L)
Placket material size	90~130mm(W) x less than 235mm(L)	48~113mm(W) x less than 235mm(L)



AMS-221ENHS-3020/X90014

## Computer-controlled Cycle Machine

Computer-controlled Cycle Sewing Machine with Input Function  
(for sewing pockets on jeans) (with presetting device)



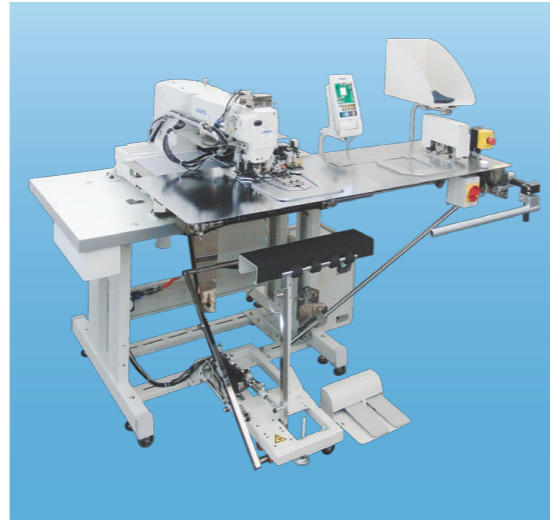
**AMS-221ENHS-3020/X90005, X90006** (1-needle)

**AMS-221ENTS-3020/X90002, X90004** (2-needle · 2-color-thread sewing)

This model is designed for sewing pockets on jeans and is based on the AMS-221EN Series.

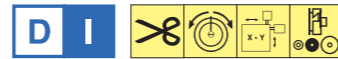
- The machine sews folded pocket cloth on the garment body.

Model name	AMS-221ENHS-3020 /X90005, X90006	AMS-221ENTS-3020 /X90002, X90004
Application	1-needle	2-needle 2-color-thread sewing
Max. sewing speed	2,500sti/min	
Sewing area	Max. 110mm × 110mm Min. 90mm × 90mm	
Stitch length	0.1~12.7mm (0.05mm step)	
Storage of pattern data in the memory	Main-body memory:	Max. 500,000 stitches, 999 patterns (max. 50,000 stitches / pattern)
	External media:	Max. 49,950,000 stitches, 999 patterns (max. 50,000 stitches / pattern)
Needle	DP×17 (#21) #18~#21	



AMS-221ENTS-3020/X90002

Computer-controlled Cycle Machine with Input Function  
(for sewing pockets on jeans)



**AMS-221ENHS-3020/7200**

This model is designed for sewing pockets on jeans and is based on the AMS-221EN Series.

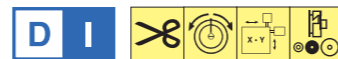
- The machine sews folded pocket cloth on the garment body.
- Maximum stitching range of a pocket that can be sewn is 246mm (width) × 200mm (length).

Model name	AMS-221ENHS-3020/7200	
Application	Heavy-weight	
Max. sewing speed	2,000sti/min	
Sewing area	X: 246mm × Y: 200mm	
Stitch length	0.1~12.7mm (0.05mm step)	
Storage of pattern data in the memory	Main-body memory:	Max. 500,000 stitches, 999 patterns (max. 50,000 stitches / pattern)
	External media:	Max. 49,950,000 stitches, 999 patterns (max. 50,000 stitches / pattern)
Needle	DP×17 (#19)	



AMS-221ENHS-3020/7200

Computer-controlled Cycle Machine with Input Function (for J stitch)

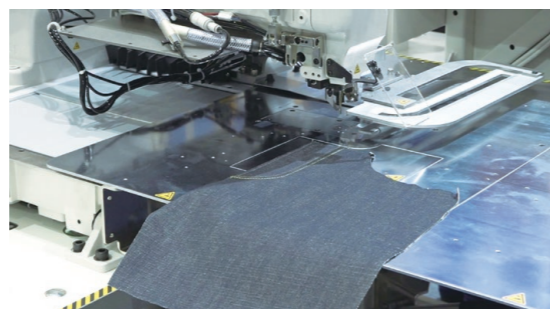


**AMS-221ENTS-3020/X90013** (2-needle)

This model is designed for topstitching front fly on jeans etc and is based on the AMS-221EN Series. High quality and no need skill J Stitch automatic machine.

It can correspond to various sewing patterns, it prevents displacement by the vacuum device.

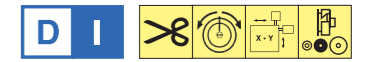
Model name	AMS-221ENTS-3020/X90013	
Application	Heavy-weight	
Max. sewing speed	2,500sti/min	
Sewing area	X: 280mm × Y: 100mm	
Stitch length	0.1~12.7mm (0.05mm step)	
Storage of pattern data in the memory	Main-body memory:	Max. 500,000 stitches, 999 patterns (max. 50,000 stitches / pattern)
	External media:	Max. 49,950,000 stitches, 999 patterns (max. 50,000 stitches / pattern)
Needle	DP×17 (#19)	



AMS-221ENTS-3020/X90013

## Computer-controlled Cycle Machine

Computer-controlled Cycle Machine with Input Function



**AMS-224EN-4530** (X: 450mm × Y: 300mm)

**AMS-224EN-6030** (X: 600mm × Y: 300mm)

The machine achieves the highest sewing speed of 2,500sti/min among those with a similar sewing area. With its higher productivity, the machine performs various kinds of stitching, making the most out of its wider sewing area in various sewing applications such as attaching handles to bags and pouches, attaching belts, sewing many small parts at a time, attaching parts to shoes and sports shoes (one pair of shoes) and sewing air bags.

Model name	AMS-224EN-HS	AMS-224EN-GB
Application	Medium- to heavy-weight	Extra heavy-weight
Max. sewing speed	2,500sti/min (stitch length 3mm or less)	
Settable stitch length	0.1~12.7mm (0.05mm step)	
Storage of pattern data in the memory	Main-body memory:	Max. 500,000 stitches, 999 patterns (max. 50,000 stitches / pattern)
	External media:	Max. 50,000,000 stitches, 999 patterns (max. 50,000 stitches / pattern)
Needle	DP×17 (#18)	DP×17 (#23)



AMS-224EN-6030

## Automatic Machine

Lockstitch, Automatic Welting Machine



**APW-895NS** (for straight pockets with flaps)

**APW-895NL** (for straight pockets with flaps, long and wide type)

**APW-896NS** (for slanted pockets with flaps)

The machine supports the sewing of straight pockets (with flaps) on suits, jackets and pants.

Double-/single-welt sewing can be changed over by the simple touch of a key on the operation panel.

\*The "direct-drive motor", which transfers the motor power to the machine with no energy loss, not only offers economical benefits due to the power reduction, but also reduces the machine's vibration and operating noise, thereby helping reduce operator fatigue.

\*The machine head is provided with a semi-dry head to eliminate staining with oil from the frame (the needle bar part).

•The support of long and wide welts is enriched, the machine can sew large-sized pockets such as pockets on coats.

(APW-896NS)

In addition to the APW-895N's functions, the APW-896NS supports the sewing of slanted pockets (for sewing slanted flaps).

The world's first computer-controlled sidewise cutting position of the corner knives enables easy adjustments of the knives simply by operating the panel.



APW-896N

Model name	APW-895N	APW-896N
Flap type	Rectangular flap	Rectangular / Slanted flap
Sewing speed	Max. 3,000sti/min (1,000~3,000sti/min)	
Kind of welts	Parallel double welt, parallel single welt (with/without flaps)	Parallel double welt, parallel single welt, slanted double welt, slanted single welt, trapezoidal sewing (with/without flaps)
Stitch length	Standard 2.5mm (2.0~3.4mm)	
Stitch length (fastening stitching)	Condensation stitching: Standard 1.0mm (0.5~1.5mm) Back-tack stitching: Standard 2.0mm (0.5~3.0mm) ※Changeable between condensation / back-tack stitching	
Corner-knife cutting adjusting method	Mechanical adjustment	Electronic adjustment
Needle	ORGAN DP×17 Standard #16 (#14~#18), SCHMETZ 190R Standard #100 (#100~#110)	
Number of independent sewing patterns	99 patterns (999 patterns when a CF memory card is used)	
Number of cycle sewing patterns	20 patterns	
Number of alternate sewing patterns	20 patterns	

Model name	With / Without (corner knife and center knife)	Sewing length (welt length)	Needle gauge (mm)
APW-895NS	Without	Min. 18mm~Max. 220mm (settable in increments of 0.1mm)	8, 10, 12, 14, 16, 18, 20
	With	Min. 35mm When a solenoid valve is used: Min. 21mm *For a needle gauge width of 14mm or more, the minimum sewing length is 50mm.	
APW-895NL	Without	Min. 18mm~Max. 300mm (settable in increments of 0.1mm)	22, 24, 26, 28, 30, 32
	With	Min. 50mm~Max. 250mm (settable in increments of 0.1mm)	
APW-896NS	Without	Min. 18mm~Max. 220mm (settable in increments of 0.1mm)	8, 10, 12, 14, 16, 18, 20
	With	Needle gauge 12mm or less: Min. 21mm~Max. 220mm Needle gauge 14mm or more: Min. 50mm~Max. 220mm	

Lockstitch Automatic Welting Machine (for straight pockets without flaps)

**APW-895NE** (Economy type)

APW-895NE provides excellent performance and high productivity in welting, such as slacks and working pants. It comes with a high-speed machine head that is able to perform sewing at 3,000 sti/min at the maximum. Even an inexperienced operator can easily sew slacks and working pants by just placing the fabric on the welting machine and carrying out the start operation.



Model name	<b>APW-895NE</b>	
Sewing speed	Max. 3,000 sti/min	
Kind of welts	Parallel double welt, parallel single welt(without flaps)	
Stitch length	Standard 2.5mm (2.0~3.4mm)	
Stitch length (fastening stitching)	Condensation stitching : Standard 1.0mm (0.5~1.5mm) Back-tack stitching : Standard 2.0mm (0.5~3.0mm) *Changeable between condensation / back tack stitching	
Corner-knife cutting adjusting method	Mechanical adjustment	
Needle	DP x 17 Standard #16 (#14~#18), 190R Standard #100 (#100~#110)	
Number of independent sewing patterns	99 patterns (999 patterns when a CF memory card is used)	
Number of cycle sewing patterns	20 patterns	
Number of alternate sewing patterns	20 patterns	



AP-895NE

Model name	With / Without (corner knife and center knife)	Sewing length(welt length)	Needle gauge(mm)
APW-895NE (Economy type)	Without	Min. 18mm~Max. 220mm (settable in increments of 0.1mm)	10, 12
	With	Min. 35mm When a solenoid valve is used: Min. 21mm *For a needle gauge width of 14mm or more, the minimum sewing length is 50mm.	

Jeans Pocket Setter

**AP-876** (full-automatic)

The machine automatizes a series of pocket setting processes such as the folding of a pocket, placement of the pocket on a garment body, sewing, bartacking and stacking, thereby increasing productivity and achieving production without requiring the operator to have any special skill. This promises consistent finished quality.

**AP-874** (semi-automatic)

This sewing machine is a semi-automatic type pocket setter. The sewing machine has been specifically designed for sewing pockets which have been preliminarily folded in the preceding process on a predetermined location of the garment body without folding the pocket cloths.



Model name	AP-876	AP-874
Application	Full-automatic	Semi-automatic
Machine head	High-speed, 1-needle, lockstitch, zigzag stitching machine (exclusive machine head)	
Max. sewing speed	4,000sti/min	
Sewing area	250mm x 250mm	
Stitch length	0.1~6mm	
Operation panel	IP-420 (large-sized color liquid crystal touch panel)	
Storage of pattern data in the memory	Max. 999 pattern	



AP-876S

Automatic 1-needle Belt-Loop Attaching Machine

**AB-1351**

AB-1351 is belt-loop attaching machine with the ability to solely sew 12 different belt-loop sewing patterns!

This machine not only reduces the time required for the belt-loop attaching process, but also achieves labor-saving, such as the elimination of the previous process (belt-loop cutting). Productivity can be dramatically increased when one operator attends to two AB-1351 units.



Model name	<b>AB-1351</b>	
Machine head	LK-1961/ABH (Exclusive machine head based on the LK-1900A, Semi-dry-head)	
Max. sewing speed	2,500sti/min	
Stored bartacking patterns (Stitches)	Linear bartacking (12, 15, 21, 28, 36, 41) / Zigzag bartacking (28, 36, 42, 56, 64)	
Bartacking size length-wise	0~3.2mm (0~1/8") (adjustable in increments of 0.1mm)	
Bartacking size cross-wise	6~23mm (15/16"~57/64") (adjustable in increments of 0.1mm)	
Needle	DPx17 #14, 135x17 #90	
Thread	Spun 80Nm (recommend), Filament 80Nm (80Nm=#50)	
Belt-loop width	8~20mm (5/16"~25/32")	



AB-1351

Automatic 2-needle Belt-loop Attaching Machine

**MOL-254**

The machine time is 1.2 seconds per belt-loop, which ensures increased productivity. The feed mechanism incorporates a computer-controlled X-Y method to allow the operator to change the number of stitches and sewing sizes.



Model name	<b>MOL-254</b>	
Max. sewing speed	2,500sti/min	
Number of stitches	28, 36, 42 (selectable on the operating panel)	
Needle gauge	40~70mm (1-37/64"~2-3/4")	
Bartacking length	7~22mm (9/32"~55/64") (adjustable in increments of 0.1mm)	
Bartacking width	1~3.2mm (3/64"~1/8") (adjustable in increments of 0.1mm)	
Belt-loop width	9~20mm (23/64"~25/32")	
Finished length of belt-loop	48~78mm (1-57/64"~3-5/64")	
Needle	DPx17 (#21) #19~#21	



MOL-254

Computer-controlled, High-speed, Single-thread Chainstitch, Button-neck-wrapping Machine

**AMB-289**

The machine demonstrates the highest productivity among button-neck-wrapping machines intended for men's and ladies' outer wear. A single machine unit permits the quick changeover of types of buttons to be sewn, i.e., flat buttons, shank button, marble buttons and stay buttons with a one-touch utility lever.



Model name	<b>AMB-289</b>	
Max. sewing speed	1,800sti/min (neck-wrapping), 1,200sti/min (button sewing)	
Button size	Sewing button without neck-wrapping: φ8~φ38mm Sewing button with neck-wrapping: φ8~φ32mm Counter button: φ8~φ25mm	
Setting data	Distance between buttonholes: 1.5~6mm (0.1mm step) Height of neck-wrap: 0, 1.5~10mm	
Number of data that can be input	Max. 99 patterns	
Needle	SMx332EXTLG-NY (#14) #12~#18	



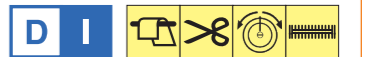
AMB-289

High-speed, Computer-controlled Buttonholing Indexer

**AC-172N-1790**

LBH-1790, high-speed, computer-controlled lockstitch buttonholing machine has been combined with a high-performance and highly accurate indexer.

- "Applicability to vertical stripe patterns has been improved."
- The newly-developed sub-clamp mechanism prevents slippage of the material to enable accurate and consistent buttonholing.
- "Increased productivity achieved by the preset mechanism"



Model name	<b>AC-172N-1790</b>	
Machine head	LBH-1790 (exclusive machine head for AC)	
Max. sewing speed	4,200sti/min	
Sewing dimension	Standard : Width 4mm x length 25mm (max : width 6mm x length 120mm by replacing parts)	
Knife size	6.4~19.1mm (1/4"~3/4" inch)	
Feed direction	Right (for men's garments) or left (for ladies' garments)	
Number of patterns that can be input	20 patterns	
Number of buttonholes	1~20 pcs.	
Needle	DPx5 #11J~#14J	

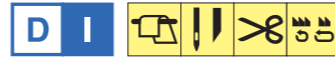


AC-172N-1790

Automatic Serging Machine

### ASN-690

Increased productivity is required in the serging process. JUKI has launched its super-high speed machine developed in pursuit of simple-in-operation and ease-of-use. To fully support the operator so that he/she can carry out serging speedily, the machine comes in two different types; the long-table type and the short-table type which permits easy handling of the material.



ASN-690L

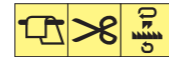
Model name	ASN-690
Machine head	MO-6904S (super-high-speed, 1-needle overlock machine)
Application	Serging of skirts, pants, jeans, etc.
Max. sewing speed	8,000sti/min
Stitch length	0.8~4mm
Overedging width	4.0, 4.8, 5.6mm
Differential feed ratio	For gathering 1:2 (max. 1:4), For stretching 1:0.7 (max. 1:0.6)
Needle	DCx27 (#11) #9~#14

Edge Control Seamer

### AE-200ALA (join materials type)

### AE-200ALD (for sewing pin tucks)

The AE-200A edge control seamer is now launched. The machine is configured with JUKI's unique sensor and manipulator-control mechanisms allowing inexperienced operators to join materials with different curves\* with great finesses matching the finished seam quality of highly skilled operators. Sewing specifications can be quickly and accurately adjusted via touch panel to meet the requirement of various design changes and which helps operators join materials nimbly and skillfully while enhancing productivity even in sewing processes for custom-designed articles in small lots.



AE-200ALA

Model name	AE-200ALA	AE-200ALD
Machine head	DLU-5498N-7 (exclusive machine head for AE-200A)	
Sewing speed	200~3,500sti/min	
Max. stitch length	4mm	
Max. top-feed amount	8mm	
Lift of the presser foot	10mm	
Needle	DPx1 (#11) #9~#18	
Sewing condition	(seam allowance) 1~30mm (curve sewing) 100mmR or more (number of plies) Two or one	

Pattern seamer (X:1,200mm x Y:700mm)

### PS-700

This is a pattern seamer provided with JUKI's first exclusive machine head. It is able to carry out pattern sewing of large products with flexibility. The PS-700 has achieved the industry's highest jump speed of 800 mm/s.

The auxiliary clamp holds down the cassette clamp and material, thereby securely holding the material being sewn.



PS-700

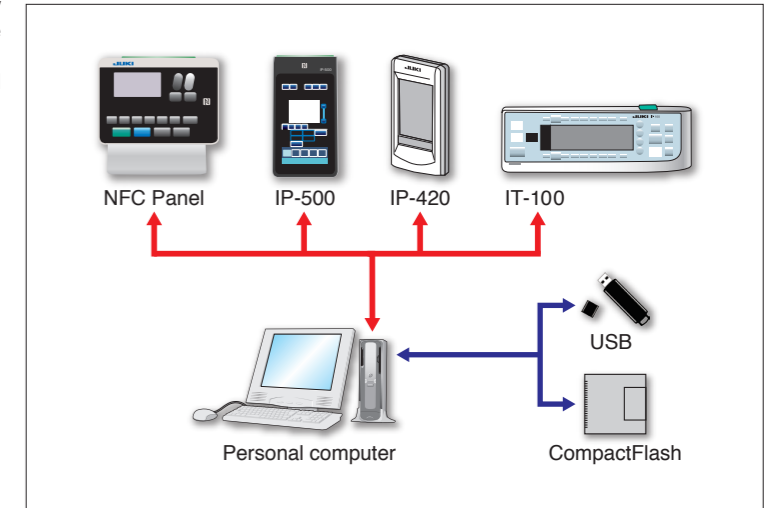
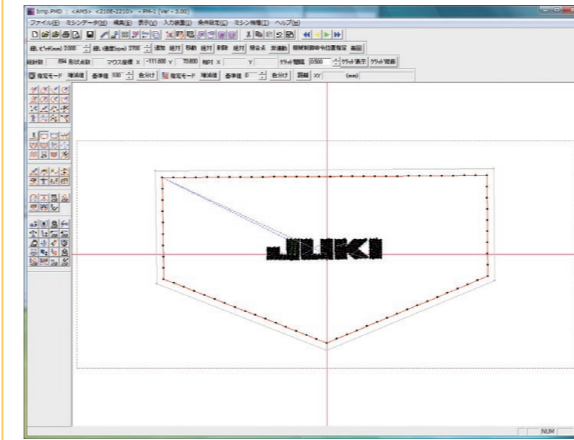
Model name	PS-700
Max. sewing speed	3,000sti/min
Sewing area	X 1,200mm x Y 700mm
Needle thread tension	Active tension (electronic thread tension control mechanism)
Hook	Full-rotary double-capacity hook

Programming Software for Computer-controlled Sewing Machines

### PM-1

This software is to input and edit sewing data of JUKI's latest sewing machines. Its versatile input functions allow to input sewing data of each electronic sewing machine model easily, accurately, and quickly. It supports high quality production with high added value by utilizing and creating original data for specific designs and applications.

System Formation



The sewing machine can be paired with equipment which supports NFC (Near Field Communication)