

**Apparel General Catalog** 



JUKI CORPORATION SEWING BUSINESS UNIT

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 Specifications and appearance are subject to change without prior notice for improvement.
 Read the instruction manual before putting the machine into service to ensure safety. APRIL, 2025 Printed in Japan(TN)



JUKI contributes to Smart Factory of the customer by total solution for

Eco **Production** Cost 



SX

Smart Factory SX DX Digitalization Al Utilization GX Networking **Automatization** 

Reduction of environmental impact

DX Digital **Transformation**  GX

Green **Transformation** 

Sustainable **Transformation** 

# 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\*1, 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\*2 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\*3 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.

- \*1 DDL-9000C, LZ-2290C
- 22 The sewing machine can be paired with equipment which supports NFC (Near Field Communication) only by holding the equipment over the sewing machine
- \*3 Android OS Version 6.0 is recommended to use JUKI Smart APP. (Operation is confirmed with respect to Versions 5.0 and later.)

#### LINE UP



Direct-drive, High-speed, Lockstitch Sewing System

DDL-9000C



Semi-dry head, 2-needle Lockstitch Sewing System

LH-4500C



Semi-Dry head, Digital Zigzag Stitching Sewing System

LZ-2290C



Computer-controlled, High-speed Bartacking Sewing System

LK-1900C

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

LK-1903C



Computer-controlled, High-speed, Buttonholing Sewing System

**LBH-1790AN** 



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

**MS-1261A/DWS** 



Computer-controlled, Eyelet Buttonholing Sewing System Trimmer for Needle and Looper Thread with gimp)

MEB-3200C



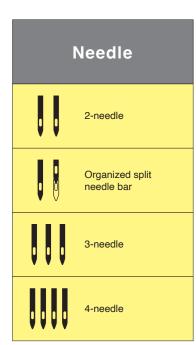
Computer-controlled Cycle Machine with Input Function

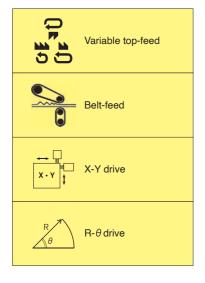
**AMS-221F** 

## Pictographs for Function

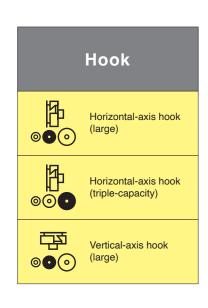
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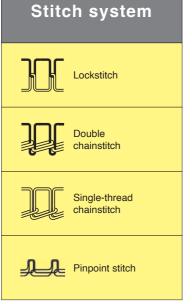
Catalog of each model is also available. For further details, please refer to each catalog.

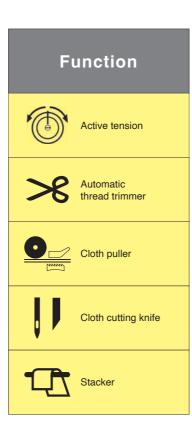


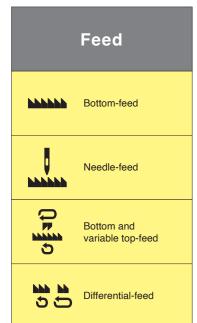


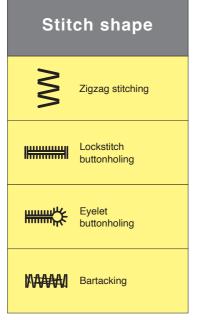


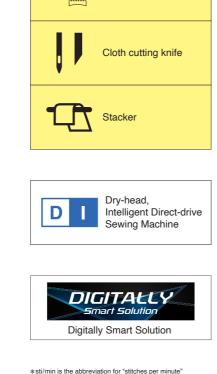












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JUKI has digitalized the drive mechanism of the sewing machine which determines the "seam" quality, JUKI launches the new "direct-drive, high-speed, lockstitch sewing system with automatic thread trimmer" DDL-9000CF. This is the newest flagship lockstitch 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 ecommended to use JUKI Smart APP. (Operation is confirmed with respect to ersions 5.0 and later.) Contact JUKI distributor in ne application software.

Model name	DDL-9000C-FDS	DDL-9000C-FMS	DDL-9000C-FSH	DDL-9000C-SMS	DDL-9000C-SSH
Туре	Premium Digital Type Premium Digital			Digital Ty	pe Digital
Application	Medium	n-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*3	DB×1 · DP×5 (#11)		DB×1 · DP×5 (#21)	DB×1 · DP×5 (#11)	DB×1 · DP×5 (#21)
Necule *	#9~18 (Nm65~110)		#20~23 (Nm125~160)	#9~18 (Nm65~110)	#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				

- \*1 Stitch length of 4.00 mm or less: 5,000 sti/min; Stitch length of 4,05 5.00 mm: 4,000 sti/min
- \*2 Stitch length of 4.00 or less: 4,500sti/min; Stitch length of 4.05 5.00mm: 4,000sti/min
- \*3 Differs on a destination-by-destination basis

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







#### DDL-9000C-FMS/PBN Premium Digital

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.

Model name	DDL-9000C-FMS/PBN	
Туре	Premium Digital Type Premium Digital	
Application	Medium-weight	
Lubrication	Semi-dry Semi-dry	
Max. sewing speed	4,000sti/min	
Max. stitch length	4mm	
Needle	DB×1, DP×5 (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*)	



DDL-9000C-FMS/PBN

#### Direct-drive, High-speed, 1-needle, Lockstitch Machine with Automatic Thread Trimmer (Electric Feed Length Control System<EFLeCS>)



1-needle, Lockstitch Machine

#### **DDL-8000C**

Equipped with a new function Electric Feed Length Control System (EFLeCS). This machine is a long-arm direct-drive lockstitch machine with a thread trimmer and integrated electrical control box. DDL-8000C equipped with the digital-pitch "Electric Feed Length Control System" and a space from machine arm to needle extended in width to 305 mm. It is provided as standard with "reverse feed lever" to enable fine adjustment of the feed amount with ease.

Model name	DDL8000CSM	DDL8000CSH
Application	Medium weight	Heavy weight
Lubrication	Oil Shieldir	ng System
Max. sewing speed	5,000sti/min	4,000sti/min
Max. stitch length	5mm (7	7mm*)
Lift of the presser foot	Automatic: 9mm	/ Lever: 13mm
Needle	DB×1 #14	DP×5 #21
hen the optional long pitch	kit is installed, the maximum s	stitch length is 7mm in both

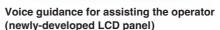


#### Direct-drive, High-speed, 1-needle, Lockstitch Machine with Automatic Thread Trimmer

#### **DDL-8000A**

The DDL-8000A Series maintains JUKI's established seam quality and is provided with narrowed-down essential and simplified functions. It helps improve the work efficiency through operator assistance with its audio guidance.





This sewing machine is provided as standard with the voice guidance with clock function



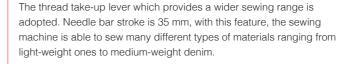
DDI -8000A

Model name	DDL-8000AS-MS	DDL-8000AS-SH	DDL-8000AS-SJ	DDL-8000AB-MS	DDL-8000AB-SH	DDL-8000AB-SJ
Specification	Standard type		Shorter-thread remaining type			
Application	Medium-weight	Heavy-weight	Jeans · Heavy-weight	Medium-weight	Heavy-weight	Jeans · Heavy-weight
Lubrication	Semi-dry	Minute-quant	tity lubrication	Semi-dry	Minute-quant	ity lubrication
Max. sewing speed	5,000sti/min	4,500	sti/min	5,000sti/min	4,500	sti/min
Max. stitch length	5mm 5mm (7mm)*		5n	nm	5mm (7mm)*	
Lift of the presser foot	By hand: 5.5mm, Auto: 1st stage 8.5mm, 2nd stage 13mm, By knee: 15mm					
Needle	DB×1 (#11) #9~18 (134Nm65~110)	DB×1 (#21) #20~23 (134Nm125~160)	DP×5 (#21) #20~23 (134Nm125~160)	DB×1 (#11) #9~18 (134Nm65~110)	DB×1 (#21) #20~23 (134Nm125~160)	DP×5 (#21) #20~23 (134Nm125~160)

<sup>\*</sup>When the optional long pitch kit is installed: 7mm (normal feed), 5mm (reverse feed)

#### Direct-drive, 1-needle, Lockstitch Machine with Automatic Thread Trimmer

#### **DDL-7000A**



Model name	DDL-7000AS-7 DDL-7000AH-7		
Application	Light to medium weight	Heavy weight	
Max. sewing speed	5,000sti/min 4,000sti/min		
Max. stitch length	5mm		
Presser foot	By hand: 5.5mm, By knee: 13mm		
Needle	DB x 1 (#14) #14~#18	DP × 5 (#21) #20~#23	



#### 1-needle, Lockstitch Machine

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.

Model name	DDL-8700-7	DDL-8700	
Application	Medium-weight		
Max. sewing speed	5,000sti/min	5,500sti/min	
Max. stitch length	4mm	5mm	
Presser foot	By knee: 13mm		
Needle	DB×1 (#14) #9~#18, 134 (Nm90)		

Model name	DDL-8700A-7, 8700A	DDL-8700H-7, 8700H	
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	DA×1 (#9) #9~#11, 134 (Nm65)	DB×1 (#21) #19~#23, 134 (Nm130)	



#### 1-needle, Lockstitch Machine with Double-capacity Hook

## **DDL-5600N**

DDL-5600N-7 ≯

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



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	DB×1 (#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	DB×1 (#14), 134 (Nm75)	DB×1 (#14), 134 (Nm90)	

		•	
Model name	DDL-5550NA-7, 5550NA DDL-5550NH-7, 5		
Application	Light-weight Heavy-weig		
Max. sewing speed	4,000sti/min		
Max. stitch length	4mm	5mm	
Presser foot	By knee: 9mm By knee: 13mm		
Needle	DA×1 (#9), 134 (Nm65)	DB×1 (#21), 134 (Nm130)	



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.

Model name	DLU-5494N-7/IT-100A			
Max. sewing speed	4,000sti/min			
Max. stitch length	5mm (Forward), 3mm (Backward)			
Max. top-feed amount	8mm (Top feed amount varies depending on the type of gauge)			
Presser foot	By knee: 13mm *When using auto-lifter AK85: 9mm			
Needle	DB×1 (#14), 134 (Nm90)			



DLU-5494N-7/IT-100A

1-needle, Lockstitch Machine

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

#### 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-5490N-7, 5490N
Max. sewing speed	4,500sti/min
Max. stitch length	5mm
Max. top-feed amount	8mm
Presser foot	By knee: 13mm
Needle	DB v 1 (#14) 134 (Nm75)



DLU-5490N-7

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

#### **DLN-9010A**

The needle feed mechanism, which is widely recognized as offering outstanding efficiency of feed and effectively preventing uneven material feed, responds to a wide range of applications such as the sewing of outerwear, runstitching of men's shirts, etc. and the attaching of various parts to garment bodies.

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	DB×1 (#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	DB×1 (#21) #20~#23, 134 (Nm130) Nm120~Nm160		



#### **DLN-5410NDD-7**

Energy-saving servomotor is installed in the direct-drive style. The control panel which belongs equivalently to the highly-functional CP-180 family is built into the control box. With this panel, various sewing data ranging from the sewing speed to the production support functions can be adjusted.





DLN-5410NDD-7

#### 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	DB×1 (#14), 134 (Nm90)	DB×1 (#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	DB×1 (#21), 134 (Nm130)	DB×1 (#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. The top-and bottom-roller style feed mechanism forms seams with increased consistency to achieve improved hemming quality while reducing uneven hems.

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)			



Direct-drive, 1-needle,

Lockstitch Machine with Vertical Edge Trimmer and Automatic Thread Trimmer

#### DLM-5400NDD-7 (Bottom-feed) DMN-5420NDD-7 (Needle-feed)

With its highly operable knife mechanism, the machine helps promote the production of upgraded-quality products while increasing efficiency.

The control panel which belongs equivalently to the highly-functional CP-180 family is built into the control box. With this panel, various sewing data ranging from the sewing speed to the production support functions can be adjusted.

Model name	DLM-5400NDD-7 DMN-5420NDD-				
Max. sewing speed	4,500 sti/min 5,000 sti/mi				
Feed system	Bottom-feed Needle-feed				
Lift of the presser foot	By hand: 5.5mm, By knee: 13mm				
Needle	DB × 1 (#14) #9~#18				
Max. thickness of the material to be cut	4mm				



DLM-5400NDD-7

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 mamaterial. 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	DB×1 (#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	DB×1 (#14), 134 (Nm90)	
Max. thickness of the material to be cut	4mm	



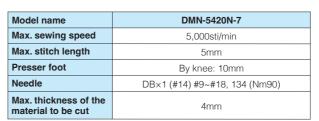
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1-needle, Needle-feed, Lockstitch Machine with Vertical Edge Trimmer

#### DMN-5420N-7

The machine is a needle-feed type.

The knife is sharp enough to cut any type of material.











1-needle, Lockstitch Machine





#### 1-needle, Lockstitch Machine

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	DB×1 (#14), 134 (Nm90)		

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





DLD-5430N-7

#### 2-needle, Lockstitch Machine

Semi-dry head, 2-needle Lockstitch Sewing System

LH-4578C-7 × LH-4578C LH-4588C-7 ≫

Seam quality is improved by introducing the separately-driven right and left active tension mechanisms.

A large hook of 1.8-fold capacity (as compared with the standard size hook) is adopted. As a result, frequency of thread changing is reduced in half. This is the world's first sewing machine not only for jeans and heavy-weight materials but also for foundation materials, medium-weight materials that is provided with a large hook. This sewing machine provides further stable seam quality.

The corner stitching capability is provided only on the LH-4588C-7. Changeover from the normal stitching to the corner

Android OS Version 6.0 is recommended to use JUKI Smart APP

stitching is carried out semi-automatically using the lever while ensuring ease of operation. This means that even the inexperienced operator can produce consistent seam quality while improving productivity.





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LH-4588C-7

#### 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.



(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	LH-4578CFF	LH-4578CFS	LH-4578CFS-7	LH-4588CFS-7	LH-4578CFG-7	LH-4588CFG-7
Application	Foundation	Medium-weight		Jeans and heavy-weight materials		
Corner stitching (Organized split needle bar mechanism)		Not provided provided			Not provided	provided
Max. sewing speed	3,000 sti/min					
Max. stitch length	4mm 5mm 7mm			ım		
Lift of the presser foot (Max.)	13mm					
Needle	DP x 5 #10 (#9~#16) DP x 5 #14 (#9~#16) DP x 5 #21 (#16~#23)			(#16~#23)		

#### 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: Medi	um-weight, G: Jeans and heavy-weight	G: Jeans and heavy-weight	
Max. sewing speed	3,000	sti/min	3,000s	sti/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: DP×5 (#9) #9~#16 F: DP×5 (#10) #9~#16	S: DP×5 (#14) #9~#16 G: DP×5 (#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.



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: DP×5 (#1 G: DP×5 (#2		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. As a result, oil stains on the sewn products are eliminated.







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)					

Direct-drive, High-speed, Overlock / Safety Stitch Machine







#### MO-6800AS/DD10, DD22, DD23 Series MO-6800AD/DD10, DD22, DD23 Series (Semi-dry-head)

The sewing machine is a direct drive type in which a control box and an operation panel are integrated with the machine head. The machine achieves a practical maximum sewing speed of 7,000sti/min. The MO-6800AS(D)/DD Series of sewing machine is provided as standard with the side cutter with 2-point material sensor (DD22) and the Chain-off the thread trimming device with a 3-point material sensor (DD23). Under the full-automatic mode, the material sensor detects the presence / absence of the material to prevent the operator from erroneously operate the side cutter etc. In addition to the full-automatic mode, the manual mode and the semi-automatic mode can be selected.



MO-6814AD/DD23

Model name		MO-6800AS/DD10, 22, 23			MO-6800AD/DD10, 22, 23			
woder name	MO-6804AS	MO-6814AS	MO-6816AS	MO-6843AS	MO-6804AD	MO-6814AD	MO-6816AD	MO-6843AD
Stitch type	1-needle overlock	2-needle overlock	Safety stitching	3-needle safety stitching	1-needle overlock	2-needle overlock	Safety stitching	3-needle safety stitching
Max. sewing speed		7,000 sti/min						
Stitch length				0.6~3.8 (	(4.5) mm			
Needle gauge (mm)	_	—     2.0     3.0, 5.0     3.0+2.0, 5.0+2.0     —     2.0     3.0, 5.0     5.0+2.0					5.0+2.0	
Overedging width (mm)	1.5, 4.0	1.5, 4.0 3.0, 4.0 4.0, 5.0, 6.0 3.0 4.0 2.0, 3.0, 4.0 4.0, 5.0 3.0						3.0
Differential feed ratio		Gathering 1:2 (Max. 1:4), Stretching 1:0.7 (Max. 1:0.6)						
Needle			DC:	×27 (Excluding so	ome subclass mo	odel)		

#### 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.



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						
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.

Model name	MO-6804S	MO-6804S MO-6814S			
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	DC×27 (	Excluding some subclas	s model)		



MO-6816S

#### 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.

Model name	MO-6904S MO-6914S		MO-6916S		
Stitch type	type 1-needle overlock		Safety stitching		
Max. sewing speed	8,500sti/min	sti/min			
Stitch length	0.8~	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	DC×27 (I	DC×27 (Excluding some subclass model)			



MO-6914S

#### 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.

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/mir		n		
Stitch length	0.8~	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	DC×27 (Excluding some subclass model)				



MO-6914R

#### 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 stiching	
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	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)						
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.

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), Streching 1:0.8			
Needle	DC×27			



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.

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 le: 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	DC×27		



MO-6914C-BD6-307/X81028

#### High-speed, Overlock / Safety Stitch Machine

#### M-900/DJ Series

The sewing machine is a direct drive type in which a control box and an operation panel are integrated with the machine head.

The machine achieves a practical maximum sewing speed of 7,000sti/min. (excluding some subclass model).

The M900/DJ Series is has the side cutter with 2-point material senser (DJ21, 22, 23) and the chain-off the thread trimming device with a 3-point material sensor (DJ33).



M-900/DJ20

model name	M952-16, 17	M952-13, 23, 52	M932-38, 44, 70, 86	M932-355, 551	
Stitch type	1-needle overlock	2-needle overlock	Safety stitching	3-needle safety stitching	
Max. sewing speed	7,000sti/min (Excluding some subclass model)		6,000sti/min		
Stitch length	3.7mm	2.7mm, 3.7mm	3.7mm, 5.3mm	3.7mm	
Needle gauge	-	2.0mm, 2.5mm	3.0mm, 5.0mm	3.0+2.0mm, 5.0+2.0mm, 5.0+2.5mm	
Overedging width	1.5mm, 4.0mm	4.0mm(3.0mm, 5.0mm), 4.5mm, 7.0mm	4.0mm, 5.0mm, 6.0mm	3.0mm, 3.5mm, 4.0mm	
Differential feed ratio	0.7~1.7	0.7~1.7, 1.2~3.5	0.6~1.3, 0.7~1.7	0.7~1.7	
Needle	DCx27				

## 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. Thanks to the adoption of the active presser foot, the presser foot pressure can be corrected according to the sewing speed, and jumping during high-speed sewing can be suppressed.



LZ-2290C-7

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#### 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.



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	LZ-2290CF-7	LZ-2290CS-7	LZ-2290CS
Туре	Full Digital Type Digital Type		Туре
Max. sewing speed	5,000sti/min		
Max. zigzag width	8mm		
Max. stitch length	5mm		
Thread tension control mechanism	Rotary active tension Rotary type (Spring-adjustment type)		
Presser system	Active presser type (AK-156) Spring type (AK155)		
Number of patterns for standard stitching	11 types / 20 patterns		
Custom pattern memory capacity	200 patterns		
Needle	DP×5 (#10), 438 (Nm75)		

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

#### LZ-2280B

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-2280BA	LZ-2280BB
Stitch system	Standard zigzag	Standard wider zigzag
Stitch pattern	$\wedge \wedge$	
Max. sewing speed	5,000sti/min	
Max. zigzag width	5mm	8mm
Max. stitch length	2.5mm	5mm
Needle	134 SUK (Nm70)	



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



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-2284B-7, 2284B	
Stitch system	Standard / 3-step zigzag	
Stitch pattern	<b>△</b>	
Max. sewing speed	5,000sti/min	
Max. zigzag width	5mm (Standard) / 10mm (3-step)	
Max. stitch length	2.5mm	
Needle	134 SUK (Nm70)	



LZ-2284B-7

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**M** 

**Zigzag Stitching Machine** 

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

#### LZ-2287B

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

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



LZ-2287B

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

LZ-2282N-7 <del>≫</del> 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), DP×5 (#10)



LZ-2282N-7

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#### **Zigzag Stitching Machine**

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

#### LZ-2285N (Fagoting)

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





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

LZ-2284NU (With standard / 3-step zigzag stitching pattern changeover function)

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

#### 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	<b>₩</b>		
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), DP×5 (#10)		



LZ-2280NU

**≫** ≥

**X** 

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.

Model name	LZ-2284C-7	
Stitch systerm	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) DP×5 (#10)	



LZ-2284C-7

#### **Zigzag Stitching Machine**

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

#### LZ-271 (For embroidering only) LZ-391N ≥

The machine is capable of embroidering nanes 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.

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	DB×1B (#11) #9~#18	DB×1B (#14) #9~#16



LZ-391N

#### **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.

•	•
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	DP×17 #10~#14



**Basting Machine** 

#### 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.

Model name	LT-591
Max. sewing speed	600sti/min
Max. stitch length	Free
Needle	TV×7 (#14)



#### **Basting Machine**

1-needle lockstitch basting machine (Build-to-order manufacturing)

#### LX-2-630-M1 × LX-5-871-M0

Post-bed type has been added to lineup of basting machines, which offers stable quality and improved ease of use.

The basting processes for menswear and womenswear can be carried out efficiently and quickly.

Model name	LX-2-630-M1	LX-5-871-M0
Max. sewing speed	800sti/min	650sti/min
Needle bar stroke	39mm	35mm
Presser foot	15.5mm	16mm
Needle	MT × 190 #14	MT × 190 #16
Hook	Vertical-axis rotary hook	



LX-2-630-M1

#### **Coverstitch Machine**

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

MF-7500-U11 MF-7500-U11/UT ≫ □ I

MF-7500D-U11 (Semi-dry head)

MF-7500D-U11/UT (Semi-dry head) > D

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 (Collarette attaching)

## MF-7500-C11

MF-7500D-C11 (Semi-dry head)



This model is best suited for attaching collarettes 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		



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		



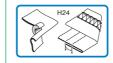
MF-7523-E11

**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 × DI MF-7900D-U11 (Semi-dry head) MF-7900D-U11/UT (Semi-dry head) > D I

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.









	-shirts	Polo shirts	Knitwear	Swimwear	
Model name		MF-7900-U11		MF-7900D-U11	
Max. sewing speed		6,500sti/min		5,000sti/min	
Needle gauge	3.2	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

#### **Coverstitch Machine**

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

MF-7900-H11 MF-7900-H11/UT <mark>≫ 🗅 📘</mark> 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 welting for swimwear, briefs, etc. It welts the elastic band which has been overlocked on the garment body.



1-8	STIITES POIO	SHILLS	Swiiliweai	Dileis	
Model name	MF-7900-H11		MF-7	900D-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

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)

>€ D I

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			

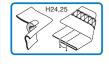


MF-7923D-H23

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

#### **Coverstitch Machine**

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

MF-7900-E11 MF-7900-E11/UT ≫ D I MF-7900D-E11 (Semi-dry head)

MF-7900D-E11/UT (Semi-dry head) > D

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

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) > D

MF-7900-E23 (With air binder)

MF-7900-E23/UT (With air binder) > D

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.





Di	ieis
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

D I >6 |||

#### 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

#### **Coverstitch Machine**

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-thrower 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.

MF-3620-B (direct-drive type)	MF-3620 (belt-drive type)		
wii -3020-b (direct-dirive type)			
Light- to heavy weight (Knit)			
4,200sti/min			
1.6~2.5mm (Standard 2.1mm)			
5.2, 6.0mm			
FL×118GCS (#10S) #9S~#12S			
FLG-8 (#8) #8~#11			
Standard type	MT05		
(With hand pulley)	Wooder auxiliary plate		
	4,200s 1.6~2.5mm (Standard Standard type		



#### **Chainstitch Machine**

1-needle, Double Chainstitch Machine

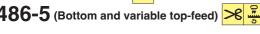
MH-481-5 <mark>≫ ┉</mark>

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	1~5mm
		Differential feed: 1~5.6mm	
Presser foot	By knee: 10mm		By knee: 7mm
Needle	TV×7 (#11) #9~#18		TV×7 (#11) #9~#21



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	TV×7 (#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		
Ford off off of	Main feed: Slide-type stitch -length adjusting method		
Feed adjusting method	Differential feed: Lever adjusting method	Without the differential feed capability	
Installation method	To be installed on the table by means of an auxiliary drive assembly MT03		



DIGITALLY

MS-3580S

#### 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 tention 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.



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-NY (#21) #16~#22 UY128GAS (Nm120) Nm100~Nm140 UY128GAS (Nm130) Nm100~Nm140		
Lubrication	Automatic Lubrication		



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.

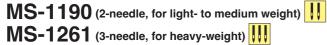
The sewing machine can be paired with equipment which supports NFC (Near Field Communication) only by holding the equipment over the sewing machine



**Chainstitch Machine** 







Thanks to the thread guide located between the needle bar thread take-up and the intermediate tention 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	TV×64-NY (#12) #8~#14 B-64 (Nm80) Nm60~Nm90	TV×64-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.



MP-200NI

Model name		MP-200NL
Max. sewing speed		1,500sti/min (Stitch length 6~8mm)
Needle		ORGAN CP×1J (#22U) #18U~#22U
Reco	Hook-needle	ORGAN CP×12J (#23) #19~#23
	Recommended yarn count	#30~#8, B46~B92, Nm=60/3~30/3

Model name		MP-200NS
Max. sewing speed		2,000sti/min (Stitch length 6mm or less)
Needle		SCHMETZ 29C150 (Nm90) Nm80~Nm140
Needle Hook-needle	SCHMETZ 29C151 (Nm100) Nm80~Nm140	
Recommended yarn count		#60~#30, B33~B46, Nm=120/3~60/3

#### 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.



Model name	ML-111U	
Max. sewing speed	1,800sti/min	
Max. stitch length	10mm	
Presser foot	By knee: 12mm	
Needle	TV×7 (#14) #11~#14	

# ML-111U

#### **Button Sewing Machine**

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

#### LK-1903C (Standard type)

The machine achieves sewing speed of 2,700sti/min The machine's thread-trimming etc. have been increased to significantly shorten total cycle time. The machine is provided as standard with 50 different sewing patterns at higher productivity. The LK-1903C is a lockstitch button sewing machine which is not only applicable to many different sewing specifications but also able to carry out cycle sewing and produces high-quality seams.

#### LK-1903C/BR35

#### (With button feeder)

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. Even first-time operators can achieve stable sewing quality by simply setting the fabric and pressing the pedal.

#### LK-1903CB

#### (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.

## DIGITALLY







LK-1903CSS301D

#### Two-way data communication function for sewing machine data using an NFC terminal

optional

The standard LCD panel is provided as standard with a USB port to facilitate data management between sewing machines and update of software. If you additionally use the optional NFC terminal, bidirectional data communication is enabled with a commercially-available Android terminal in a non-contact manner. This enables quick sharing of pre-set sewing data with other sewing machines to reduce the time required for set-up changing.





Optional NFC terminal:



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

Model name	LK-1903C	LK-1903C/BR35	LK-1903CB
Max. sewing speed		2,700sti/min	
Button size	Type: Round-shaped, flat button (2-holed, 4-holed) Size: φ8~φ32mm 301: φ8~φ20 302: φ10~φ20 OPTION: φ15~φ32	Type: Round-shaped, flat button (2-holed, 4-holed) Size: φ9~20mm For small button: φ10~φ15mm For medium-sized button: φ12~φ18mm (Those that are smaller than φ10mm or larger than φ18mm must be specially ordered.) Thickness: 1.8~3.5mm	Type: Round-shaped, flat button (2-holed, 4-holed) Size: φ8~φ20mm 301: φ8~φ20
Stitch length	0.1~10mm (0.1mm step)		
Lift of the work clamp foot	Max. 13mm	Max. 11mm	Max. 10mm
Number of standard patterns	50 patterns 34 patterns		34 patterns
Number of data that can be input	999 patterns		
Needle (At the time of delivery)	DP×17 (#14)		

#### LK-1903S

JUKI Simple Series sewing machine LK-1903S has been designed to have simplified and narrowed down capabilities that are essentially required to produce JUKI's established seamquality. In addition, it supports the operator with the voice guidance system to improve work efficiency.

Model name	LK-1903S-SS	
Max. sewing speed	2,700sti/min	
Button size	Type : Round-shaped, flat button (2-holed, 4-holed) Size : φ8~φ32mm 301 : φ8~φ20 302 : φ10~φ20 OPTION : φ15~φ32	
Lift of the work clamp foot	Max.13mm	
Needle (at the time of delivery)	DP×17 (#14)	
Number of standard patterns	50 patterns	
Number of data that can be input	200 patterns	



LK-1903S

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.

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		
Applicable buttons	Size: φ10~φ18mm	Size: φ10~φ28mm	
Oditabia a abasa	□,_,⋈,>	×,Z, +,-	- ,
Stitching shape			$\triangle$ , $\nabla$ , $\triangleleft$ , $\triangleright$
Button feed mode	Automatic feed mode, non-feed mode, and small-lot sewing mode	_	
Needle	TQ×7 (#16) #14~#20		



MB-1800A/BR10

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  $\times$  and  $\square$  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	⊐, ×, − ⊐, −		
Applicable button	Shank button, Wrapped-around button, Snap, Label, Metal button, Stay button (Exclusive attachments have to be used)		
Button size	φ10~φ28mm		
Thickness of button	1.8~3.5mm (Options max. 5mm)		
Needle	TQ×1 (#16) #14~20		

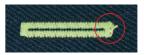


Computer-controlled, High-speed, Buttonholing Sewing System

#### 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.

**LBH-1790AN** 



Remaining length of thread varies with sewing conditions.

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.

Buttonholing Machine









LBH-1790AN



I BH-1796

#### 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	LBH-1790ANB	LBH-1790AN	LBH-1795AN	LBH-1796AN
Max. sewing speed	Max. 4,200sti/min, N	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")	6.4~22.2mm (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		DP×5 (#11J) #11J~#14J		

#### Computer-controlled, High-speed, Buttonholing Machine

#### LBH-1790S

JUKI Simple Series sewing machine LBH-1790S has been designed to have simplified and narrowed down capabilities that are essentially required to produce JUKI's established seam quality. In addition, it supports the operator with the voice guidance system to improve work efficiency.

Model name	LBH-1790SS
Max. sewing speed	4,200sti/min (At the time of delivery: 3,600sti/min)
Size of cloth cutting knife	6.4~31.8mm (1/4"~1-1/4")
Buttonhole length	Max. 41mm
Needle (At the time of delivery)	DP×5 (#11J) #11J~#14J
Lift of the work clamp	14mm (17mm when the reverse-rotation needle-up function is used)
Number of standard patterns	31 patterns
Number of patterns that can be input	Max. 99 patterns





LBH-1790S

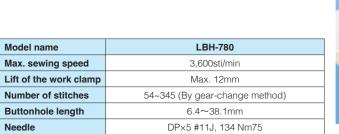
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#### **LBH-780**

Model name

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





LBH-782

Computer-controlled, Eyelet Buttonholing Sewing System (Trimmer for needle and looper thread with gimp)

#### **MEB-3200CSS** (For men's and ladies' wear)

#### **MEB-3200CRS**

(For combined use for vertical and horizontal buttonholes: men's and ladies' wear)

#### **MEB-3200CJS** (For jeans)

#### **MEB-3200CCS** (For cotton pants and work pants)

The digitally controlled machine permits the selection and setting of various eyelet shapes. We thoroughly pursue operability and realized easy operation with a new operation panel. Control panel is configured with a large, highly visible color LCD touch panel for instant display of the stitch shape, set values, and menu settings for the sewing functions.



MEB-3200CSS

Model name	MEB-3200CSS	MEB-3200CRS	MEB-3200CJS	MEB-3200CCS
Application	Men's and ladies' wear	Combined use for lateral and longitudinal buttonholing: for men's and ladies' wear	Jeans	Cotton pants and working wear
Thread trimming style	Longer rema	aining thread	Shorter rema	aining thread
Stitch system		1-needle, double ch	ainstitch (With gimp)	
Max. 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)*2		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
			The figures in ( ) parenthes	ses are in case of taper bar
Needle throwing width (At the time of delivery)	2.0~3.2mm*²(2.3mm)		2.6~4.0mm*3 (3.6mm)	2.0~3.2mm* <sup>3</sup> (2.5mm)
Taper bar length	0mm, 3~15mm			
Needle (At the time of delivery)	DO×558 (Nm100) Nm90~Nm110		DOx558 (Nm120) Nm120~Nm130	DO×558 (Nm110) Nm110~Nm120

\*1 When the sewing length of 38~50mm without thread trimmer is selected, the work clamp can be provided by placing special order. Please use the Multi-cutting device when you cut the cloth. \*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)

**Buttonholing Machine** 

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

#### DIGITALLY





#### **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.

#### 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	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	D0×558 (Nm110) Nm90~Nm120			

#### **Bartacking Machine**

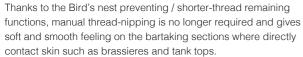
#### Computer-controlled, High-speed, Bartacking Sewing System

#### LK-1900C (Standard type)

The maximum sewing speed of 3,300sti/min and increased thread trimming speed help reduce the total cycle time to achieve increased production capacity. The LK-1900C is a computer-controlled high-speed bartacking machine with excellent seam quality. It is provided as standard with 100 different sewing patterns to support a wide range of stitching.

#### LK-1900CB

(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 2 mm or less.\* \*Use #60-80 (TEX22-30) polyester





Finishing of the Bird's nest preventing / shorter-thread remaining functions

#### LK-1901C (Eyelet buttonholes)

Dedicated bartacking machine for eyelet buttonholes. Three different sewing patterns are available to allow the sewing size to be changed with ease. 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. The material drawing amount can be adjusted to 3 mm at maximum. The material drawing mechanism can be switched ON/OFF in accordance with the setting of the memory switch.

#### LK-1902C (Belt-loop-attaching)



Dedicated bartacking machine for attaching belt loops. The optimum number of stitches and sewing size can be quickly selected in accordance with the belt loop width, and six different straight line tacking patterns are provided as standard. Once you register preferred patterns to the pattern keys, you can call and/or change the target pattern by a simple touch of the relevant pattern key. Built-in LED marking light for alignment is not installed.

Color LCD touch operation panel The IP-510 is the newly-developed operation panel that comes with a high-resolution touch-panel screen. The speed of response to the operation is increased. The operator is able to input/edit data while visually observing the needle entry points.

This machine is a special model that expands the sewing area to 60mm (W) × 50 (L) mm. It corresponds to the sewing size such as the

elastictape connection of the boxer pants, the box sewing of the

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

LK-1905C/IP-510

sleeve spread, and the attach the Velcro.

(Sewing area expanded specifications)

only by holding the equipment over the sewing machine.

he sewing machine can be paired with equipment which supports NFC

DIGITALLY D I Se TO WARM 1/2

Model name	LK-1900CS	LK-1900CH	LK-1900CF	LK-1900CW	LK-1900CB
Application	For medium-weight materials	For heavy-weight materials	For foundation	With 1.8 fold-capacity hook for heavyweight materials	Bird's nest preventing / Shorter-thread remaining functions
Max. sewing speed		3,300sti/min		3,000sti/min	3,200sti/min
Sewing area			30mm (L) × 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) (			Standard 11mm (By using the reverse-rotation needle-up function 14mm)	
Number of stitches that can be stored in memory	Max. 500,000 stitches				
Number of standard patterns	100 patterns 50 patterns			50 patterns	
Number of data that can be input	999 patterns				
Needle (At the time of delivery)	DP×5 (#14)	DPx5 (#14)			DP×17 (#21)

Model name	LK-1901CS	LK-1902CS	LK-1902CH	LK-1905CS
Application	For medium-weight materials	For medium-weight materials	For heavy-weight materials	For medium-weight materials
Max. sewing speed		3,000sti/min 2,700sti/min		
Sewing area	30mm (L) × 40mm (W) 50mm (L) × 60mm (W			
Stitch length	0.1~10mm (0.1mm step)			
Lift of the work clamp foot	Standard 14mm (By using the reverse-rotation needle-up function 17mm)			
Number of stitches that can be stored in memory	Max. 500,000 stitches			
Number of standard patterns	No. 11, 12, 13 No. 17, 18 (19, 20, 21, 22*)			100 patterns
Number of data that can be input	999 patterns			
Needle (At the time of delivery)	DPx5 (#14)		DP×5 (#14)	

Computer-controlled, High-speed, Bartacking Machine

#### **LK-1900S**

JUKI Simple Series sewing machine LK-1900S has been designed to have simplified and narrowed down capabilities that are essentially required to produce JUKI's established seam quality. In addition, it supports the operator with the voice guidance system to improve work efficiency.

#### LK-1900SSS000/X75023

This machine is a special model that expands the sewing area to 50mm (W) × 50 (L) mm. It corresponds to the sewing size such as the elastictape connection of the boxer pants, the box sewing of the sleeve spread, and the attach the Velcro.

\*The presser foot of this machine is equipped with the standard presser foot (40mm(W) × 30mm(L)). Please arrange the presser foot as necessary.



LK-1900S

**Bartacking Machine** 

Model name	LK-1900S-SS	LK-1900S-HS	
Widder Harrie	LK-19003-33	LK-19005-H5	
Application	Standard	For heavy-weight materials	
Max. sewing speed	3,200sti/min (At the time of delivery: 2,700sti/min)		
Sewing area	30mm (L) × 40mm (W)		
Stitch length	0.1~10mm (0.1mm step)		
Lift of the work clamp foot	Standard 13mm (17mm when the reverse-rotation needle-up function)		
Needle (At the time of delivery)	DP × 5 (#14) DP × 17 (#21)		
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		

#### **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 double-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.

Model name	LK-1910S, 20S	LK-1910H, 20H	
Application	Standard Heavy-weigh		
Sewing area	60mm (L) × 100mm (W)		
Max. sewing speed	2,500sti/min		
Stitch length	0.1~10mm		
Number of data that can be input	64 patterns		
Needle	DP×5 (#14)	DP×17 (#18)	



LK-1920

time of delivery.

\*This device has been factory-set to "invoking prohibited" status at the AMS-221F-2516 (X: 250mm × Y: 160mm)

AMS-221F-3020

(X: 300mm × 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.









AMS-221F-2516

#### 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	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	Main-body memory: Max. 50,000,000 stitches, 999 patterns (Max. 50,000 stitches / pattern)			
data in the memory	External media: Max. 50,000,000 stitches, 999 patterns (Max. 50,000 stitches / pattern)			
Needle	DP×5 (#14)	DP×17 (#18)	DP×17 (#23)	

#### Computer-controlled Cycle Machine

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**Computer-controlled Cycle Machine with Input Function** 

AMS-210EN-1306 (X: 130mm × Y: 60mm)

AMS-210EN-1510 (X: 150mm × Y: 100mm)

AMS-210EN-2210 (X: 220mm × Y: 100mm) AMS-221EN-2516 (X: 250mm × Y: 160mm)

AMS-221EN-3020 (X: 300mm × 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 × 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 × 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 × 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 × 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 × 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-151



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	Main-body memory: Max. 500,000 stitches, 999 patterns (Max. 50,000 stitches / pattern)			
data in the memory	External media: Max. 50,000,000 stitches, 999 patterns (Max. 50,000 stitches / pattern)			
Needle	DP×5 (#14)	DP×17 (#18)	DP×5 (#14)	DP×17 (#18)
*Stitch length is 4mm or less for the AMS-210EN and 3.5mm or less for the AMS-221EN.				

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#### 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.

Model name	AMS-210EN-1306/7450	
Application	Standard (Light- to medium-weight)	
Max. sewing speed	2,000sti/min	
Sewing area	X: 130mm × Y: 60mm	
Stitch length	0.1~12.7mm (0.05mm step)	
Storage of pattern data	Main-body memory: Max. 500,000 stitches, 999 patterns (Max. 50,000 stitches / pattern)	
in the memory	External media: Max. 50,000,000 stitches, 999 patterns (Max. 50,000 stitches / pattern)	
Needle	DP×17 (#11)	



AMS-210EN-SS1306SA/7450

#### 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) × 1110~230mm (L)	
Needle	DP×17 (#18)	
Thread	#50~#2	



AMS-210ENHL-2210/X90003

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

#### 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 to 31sec/pcs. It achieves more than four 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.



from the edge of the under placket.					
Model	Head	AMS-221ENHS-3020	AMS-221ENHS-3020		
name Device		PP110 (P/N: 72005200)	PP114 (P/N: 40199538)		
Item Men's Women's		Women's			
Application		Medium weight			
Cycle time		21sec			
Sewing area		X:4~6mm Y:200mm			
Placket size		90~130mm(W) × 235mm(L)			
Max speed		2500sti/min			
Needle		DP×17 (#9~#11)			
Thread		Span #50~#60			



■ Dubble Placket type <For men's>

Model	Head	AMS-221ENHS-3020 AMS-221ENHS-302		
name	Device	PP120 (P/N: 40178676)	PP121 (P/N: 72005638)	
Item		Men's		
Applica	tion	Medium weight		
Top stit	ch	Yes No		
Cycle ti	me	31sec	26sec	

X:20~50mm Y:200mm Sewing area X:23~35mm Y:200mm Placket size 74mm(W) × 230mm(L) 70mm(W) × 230mm(L) Max speed 2500sti/min DP×17 (#9~#11) Needle

Span #50~#60

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		sti/min
Needle	135×17 (No. 65~75), DP×17 (#9~#11)	
Sewing area	4~6mm(W) × less than 200mm(L) 20~50mm(W) × less than 200mm(L	
Placket material size	90~130mm(W) x less than 235mm(L) 48~113mm(W) x less than 23	



Computer-controlled Cycle Sewing Machine with Input Function (For sewing pockets on jeans) < With presetting device>

#### AMS-221ENHS-3020/X90005 AMS-221ENTS-3020/X90002, X90004

(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*	AMS-221ENTS-3020/ X90002	AMS-221ENTS-3020/ X90004*
Application	With presetting device	2-color-thread sewing,	With presetting device
Max. sewing speed	2,500sti/min		
Sewing area	Max. 110mm×110mm, Min. 90mm×90mm		
Stitch length	0.1~12.7mm (0.05mm step)		
Strage of pattern data	Main-body memory: Max. 500,000 stitches, 999patterns (max. 50,000stitches / pattern)		
in the memory	External media: Max. 50,000,000 stitches, 999 pattern (max. 50,000 stitches / pattern)		
Needle	DP×17 (#21) #18~#21		

<sup>\*</sup>CE specification, X90005 is CE specification only

AMS-221ENHS-3020/X90014



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	Main-body memory: Max. 500,000 stitches, 999 patterns (Max. 50,000 stitches / pattern)	
in the memory	External media: Max. 49,950,000 stitches, 999 patterns (Max. 50,000 stitches / pattern)	
Needle	DP×17 (#19)	



## AMS-221ENTS-3020/X90013 (2-color thread sewing)

This model is designed for topstiching 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	Main-body memory: Max. 500,000 stitches, 999 patterns (Max. 50,000 stitches / pattern)
data in the memory	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 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.



AMS-224EN-6030

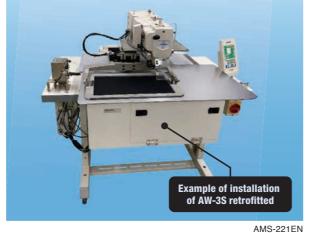
Model name	AMS-224EN-HS AMS-224EN-GB		
Application	Medium- to heavy-weight Extra heavy-weight		
Max. sewing speed	2,500sti/min (Stitch length 3mm or less)		
Settable stitch length	0.1~12.7mm (0.05mm step)		
Storage of pattern	Main-body memory: Max. 500,000 stitches, 999 patterns (Max. 50,000 stitches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

#### Automatic Bobbin Thread Wind-and-Feed Device (Retrofit kit for AMS-EN Series shuttle hook machine)

#### **AW-3S**

This is Automatic Bobbin Thread Wind-and-Feed Device that can be retrofitted to the computer-controlled cycle machine with a semi-rotary hook, AMS-221EN and AMS-224EN. Improved seam quality, productivity and operability are achieved by installing this device to the sewing machine! This device is suitable for the sewing of products such as air bags, sports shoes and bags.

Device	AW-3S
Sewing machine head to which the device is installed	AMS-221EN / AMS-224EN (Sewing machine head with a semi-rotary hook)
Applicable bobbin and bobbin case	Exclusive bobbin and bobbin case
Thread	#5~#30, 135~45(TEX), 020~060(TKT)
Applicable types of thread	Tetoron thread, nylon thread
Remaining thread removal operation, bobbin winding and threading operations	Automatic (While the sewing machine is in operation)



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.





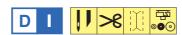
APW-896N

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)	
	Without	Min. 18mm~Max. 220mm (Settable in increments of 0.1mm)		
APW-895NS	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.	8, 10, 12, 14, 16, 18, 20	
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)		
	Without	Min. 18mm~Max. 220mm (Settable in increments of 0.1mm)		
APW-896NS	With	Needle gauge 12mm or less: Min. 21mm~Max. 220mm Needle gauge 14mm or more: Min. 50mm~Max. 220mm	8, 10, 12, 14, 16, 18, 20	

35

#### 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 easy sewing slacks and working pants by just placing the fabric on the welting machine and carrying out the start operation.

Model name	APW-895NE	
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	



Model name	With / Without (Corner knife and center knife)	Sewing length (Welt length)	Needle gauge (mm)
APW-895NE	Without	Min. 18mm~Max. 220mm (Settable in increments of 0.1mm)	
(Economy type)	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.	10, 12

#### **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 × 250mm		
Stitch length	0.1~6mm		
Opreration panel	IP-420 (Large-sized color liquid crystal touch panel)		
Storage of pattern data in the memory	Max. 999 pattern		



#### **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	AB-1351		
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	DP×17 #14, 135×17 #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-254N**

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	MOL-254N		
Woder Harrie	WOL-254N		
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 0.1mm="" in="" increments="" of=""></adjustable>		
Bartacking width	1~3.2mm (3/64"~1/8") <adjustable 0.1mm="" in="" increments="" of=""></adjustable>		
Belt-loop width	9~20mm (23/64"~25/32")		
Finished length of belt-loop	48~78mm (1-57/64"~3-5/64")		
Needle	DP×17 (#21) #19~#21		



#### 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	AMB-289		
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	SM×332EXTLG-NY (#14) #12~#18		



#### High-speed, Computer-controlled Buttonholing Indexer

#### AC-172N-1790AN

LBH-1790AN, 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	AC-172N-1790AN		
Machine head	LBH-1790AN (Exclusive machine head for AC)		
Max. sewing speed	4,200sti/min		
Sewing dimension	Standard : Width 4mm × length 25mm (Max: width 6mm × length 120mm by repiacing 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		

\*The CE type sewing machine is AC-172N-1790.

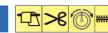


AC-172N-1790AN

**Automatic 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.

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	DC×27 (#11) #9~#14		



#### **Edge Control Seamer**

## AE-200ANLA (Join materials type) AE-200ANLD (Pin tuck type)

AE-200AN 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. Large color LCD touch panel IP-420 is adopted. 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.

Model name	AE-200ANLA AE-200ANLD		
Application	Join materials type (Medium-weight)	Pin tuck type	
Machine head	DLU-5498N-7 (Exclusive m	nachine 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	DP×1 (#11) #9~#18		
Sewing condition	(Seam allowance) 1~30mm, (Curve sewing) 100mmR or more (Number of plies) Two or one		



AE-200ANLA

D | >6 %

#### Automatic waist elastic jointing machine

#### **AG-110**

An automatic machine optimized for the ring processing of elastic waist braids for boxer shorts and briefs, equipped with various functions. The AG-110 can sew up to 600 to 800 L size rings (elastic waist length of 39 cm) per hour for a productivity.

- $\bullet$  A recognition system identifies the exact location of the logo.
- A heat iron device prevents elastic braid shrinkage to ensure a beautiful finish.
- A rotary stacker securely stacks the sewn items.

Model Name	AG-110	
Sewing area	10mm (X) × 60mm (Y)	
Max. sewing speed	2,700sti/min	
Stitch length	0.1mm~12.7mm (0.1mm step)	
Sewing procedure	Butted seam, Multi-layer stitching	
Hook	Standard shuttle hook	
Iron temperature	120°~200°	
Dimensions	1,700mm (W) × 1,100mm (L) × 1,700mm (H)	



**Automatic Waist Elastic Attaching Machine** 

#### **AG-120**

IThe AG-120 is the most advanced sewing machine to achieve stable quality and higher production capacity. It is an automatic sewing machine that is optimum for attaching an elastic waistband to boxer pants, briefs and is provided with diverse functions

Model name	AG-120	
Max. sewing speed	5,000sti/min	
Needle	UYX128GAS #10	
Sewing Size	27-60cm (Center distance of fold in half)	
Waist Elastic Width	15mm~45mm	
Air consumption	120L/min	
Air pressure	0.4Mpa~	
Dimensions	1,200mm (W) × 820mm (L) × 1,420mm (H)	



AG-120E

D | > (1)

**Automatic Machine** 

D I III

#### **Machine Head Rotation Pattern Seamer**

#### PS-910-13090

(X: 1,300mm × Y: 900mm)

The dry head machine achieves max speed 3,000 sti/min. JUKI's unique synchronization technology controls the machine head, hook and feed mechanism, thereby creating the most favorable seams. In case of continuous circumference sewing, the sewing machine constantly detects the direction of sewing. As a result, consistent-quality seams are produced regardless of the direction of sewing. The active tension for machine head rotation is used in the needle thread tension control device.

Model name	PS-910S(H)B-13090CK(N)Z PS-910S(H)B-13090ZK(N). PS-910S(H)B-13090CK(N)W PS-910S(H)B-13090ZK(N)			
Sewing area	1,300 mm	× 900 mm		
Max. sewing speed	3,000 9	sti/min		
Lubrication	Semi	i-dry		
Feeding type	Belt Drive			
Stitch length	0.5 - 12.7 mm			
Hook	Full-rotary double-capacity hook			
Cutter equipment	Laser -			
Needle	PS910SBCK: DB×1 #8 (#8~#12) PS910SBCN: DP×5 #9 (#8~#12) PS910HBCK(N): DP×17 #21 (#18~#23)			
Dimensions	2,100mm(W) × 2,326mm(L) × 1,537mm(H)			



PS-910SB13090CKZ

#### Pattern Seamer

PS-800-13085 (X: 1,300mm × Y: 850mm) PS-800-12080 (X: 1,200mm × Y: 800mm) PS-800-8045 (X: 800mm × Y: 450mm)

The dry head machine achieves max. speed 3,000sti/min with supporting various sewing and materials. There are 4 types of sewing areas. The PS-800-8045 can be installed in a space-saving manner. Not only the parts department but also sewing lines can be used.



PS-800-12080

Model name	PS-800SB13085	PS-800HB13085	PS-800SB8045	PS-800HB8045	PS-800SS12080	PS-800HS12080
Sewing area	1,300 mm	× 850 mm	800 mm >	450 mm	1,200 mm × 800 mm	
Feeding type	Double stepping motor Belt Drive Screw drive (Ball screw)			(Ball screw)		
Max. sewing speed	3,000 sti/min					
Stitch length	0.5 - 12.7 mm					
Needle	DB × 1 #8 (#7~#14)	DP × 17 #21 (#18~#23)	DB × 1 #8 (#7~#14)	DP × 17 #21 (#18~#23)	DB × 1 #8 (#7~#14)	DP x 17 #21 (#18~#23)
Dimensions	2,190mm (W) × 2,100mm (L) × 1,250mm (H)		1,200mm (W) × 1,325mm (L) × 1,250mm (H)		2,180mm (W) × 2,185mm (L) × 1,250mm (H)	

#### Pattern Seamer

#### PS-800SB-8045CKZ/X88011

(X: 800mm × Y: 450mm)

This machine is a special model modified for Welting. The dry head machine achieves max.speed 3,000sti/min with supporting various sewing and materials. The PS-800-8045 can be installed in a space-saving manner. The table size width is 1,200mm, the same as 1-needle lockstitch machine.

Model name	PS-800SB-8045CKZ/X88011		
Sewing area	X: 800mm × Y: 450mm		
Feeding type	Double stepping motor Belt Drive		
Max. sewing speed	3,000 sti/min		
Stitch length	0.5 - 12.7 mm		
Needle	DB × 1 #8 (#7~#14)		
Dimensions	1,200mm (W) × 1,325mm (L) × 1,250mm (H)		



PS-800SB-8045CKZ/X88011

#### **Pattern Seamer**

#### PS-800-3830 (X: 380mm × Y: 300mm)

The dry head machine achieves max speed 3,000 sti/min. PS-800SB-3830AKVV and PS-800SB-3830ZKWV is equipped with a vacuum device that facilitates the setting of soft knits and light fabrics. The machine can be installed in a space-saving manner. Not only the parts department but also sewing lines can be used.





PS-800SB-3830AKKV

D I >8 (1) (1)

Model name	PS-800SB-3830AKKV	PS-800SB-3830AKK	PS-800SB-3830ZKZV	PS-800SB-3830ZKZ	PS-800HB-3830ZKZ		
Sewing specifications		Light weigh	nt materials		Heavy weight materials		
Sewing area			380mm × 300mm				
Max. sewing speed		,	00 sti/min 3,000 sti/min delivery: 2,800 sti/min) (At the time of delivery: 1,800				
Lubrication			Semi-dry (Needle bar: dry)				
Fabric vacuum function	Standard	-*	Standard -*				
Knife	Rotary twin knives (U	pper and lower type)		Non knife			
Hook		F	Full-rotary double-capacity hook				
JaNets device			Retrofittable				
Dimensions		1,200m	nm (W) × 1,020mm (L) × 1,440mm (H)				
Template recogniser for barcode model	PS-800SB-3830AKVV	PS-800SB-3830AKV	PS-800SB-3830ZKWV	830ZKWV PS-800SB-3830ZKW PS-800HB-3830ZKW			
*Option device can be retrofitted. (Fabric vacuum function: No. 40286900)							

#### **Pattern Seamer**

#### PS-800-2850

(X: 280mm × Y: 500mm)

The dry head machine achieves max speed 3,500 sti/min. PS-800SB-2850ZKWV is equipped with a vacuum device that facilitates the setting of soft knits and light fabrics. The machine can be installed in a space-saving manner. Not only the parts department but also sewing lines can be used.

Model name	PS-800SB-2850ZKZV PS-800SB-2850ZKWV	PS-800SB-2850ZKZ PS-800SB-2850ZKW		
Sewing area	280mm × 500mm			
Max. sewing speed	3,500sti/min			
Lubrication	Semi-dry			
Fabric Vacuum Function	Standard	No (OP device can be retrofitted)		
Thread trimme	Double blades drive rotary knife type thread trim			
JaNets device	Retrofittable			
Dimensions	1,060mm (W) × 1,330mm (L) × 1,250mm (H)			



PS-800SB-2850ZKWV

#### Control box. Motor. Panel

#### LIMISERVO X G Series

The LIMISERVO X G Series includes auto thread trimming, presser foot lifting, fixed-stitch stitching, continuous stitching and backtacking. The motor is compact and lightweight. By selecting the sewing machine from the simple mode setting of the control box, it is possible to easily set the thread trimming timing and other sewing machine settings of other companies' sewing machines.

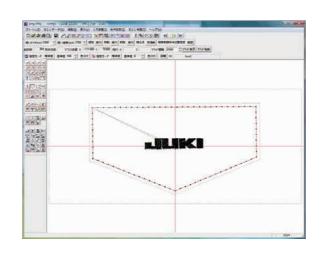


Control box	XC-GMF*-10-05	XC-GMF*-20-05	XC-GMF*-20-07		
Motor	XL-G554-10Y	XL-G554-20Y	XL-G754-20Y		
Power supply	Single-phase 100-120V*	Single-phase, 3-	phase 200-240V*		
Rated output	550	OW	750W		
Rated speed		3,600 sti/min			
Rated torque	1.47N•m (I	0.15kg·m)	1.96N•m (0.2kg•m)		
Speed control range		70 sti/min to 8,999 sti/min			
Machine axis		Shipping setting (250sti/min to 4,000sti/min)			
Motor axis	50 sti/min to 3,600 sti/min				
Detector	XC-KE-01P				
Mass	Control box: 3	Control box: 3.5kg (Net), 6.9kg (Gross), Motor: 6.9kg (Net), 9.1kg (Gross)			

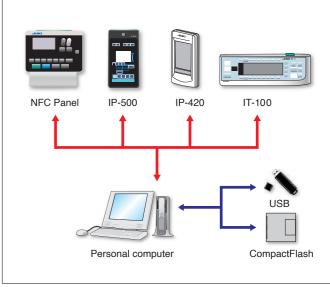
#### **Programming Software for Computer-controlled Sewing Machines**

#### 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)

CompactFlash™ or CFA specification compatible media. "CompactFlash™" is a registered trademark of SanDisk Corporation, U.S.A. Other company names and product names/brand names are trademarks or registered trademarks of the respective companies.

**Equipment operation management system JaNets JT Simple** 



The productivity of your factory can always get better!

## The first step to increasing productivity is to know the status of your sewing factory now.



### With **Janets** you can instantly find the parts of your factory you need to improve!

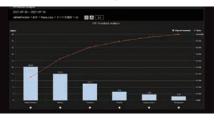


Operation rates are clear to See!



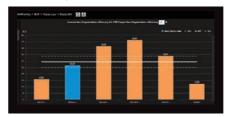
With JaNets, you can track operation metrics that you could only grasp with your senses before.

See sewing machine troubles instantly!



With JaNets, you can check which equipment has failed or caused irregular tasks, how often the failures and tasks have taken place, and for how long.

## See processing times



instantly!

With JaNets, you can check how much time an operator spends working on a garment.

#### See the progress of your line in real time!



With JaNets, you can check your production progress without spending man-hours.

#### See your output quantities!



With JaNets, you can check the target/actual output quantity of each piece of equipment.



Increased productivity!

Other advantages **JaNets provides** 

**Reduced waste** 

**Factory operators** with enhanced awareness **Enhanced responsiveness** to labor shortages

Increase the productivity of your factory further! Why not get started with JUKI?

Contact JUKI to learn more about JaNets!



<sup>\*1</sup> Idle waiting time and irregular tasks (e.g., thread changing) that divert the operator from sewing, preparing, and handling materials.

<sup>\*2</sup> Operators working at different speeds. When your factory line is in good balance, your operators work at a uniform speed. When the balance is poor, a delay by one operator slows the next processes down the line

#### **JaNets Hanger System**



The JaNets hanger system does more than just transports products to the sewing station on hangers. Production progress of hanger lines can be obtained in real time from JaNets reports. The input amount for the assembly line can be examined based on the parts output managed by JaNets, preventing delays in the input of parts for the assembly line. JUKI offers the most suitable hanger system considering sewing items and factory facilities.

For customers considering installation of hanger system

- The automatic conveyor system reduces the amount of work required to pick up and dispose the products, and is expected to result in higher productivity than conventional sitting production.
- Each hanger is equipped with RFID for traceability of product number, color, size, and work-in-progress position.
- •The use of operator IDs makes it possible to get data for each operator.

Each can be freely combined

Possible to combine installation methods, stations, and hangers freely.

#### **Installation methods**



Stand type

Set up and fix poles on the floor.



Ceiling type

By hanging from the ceiling, there is no obstruction under the hanger system, so the equipment can be easily arranged

#### **Stations**



Standard type



Chain type

The stop position of the hanger can be adjusted as shown in ① to ③. It's suitable for transporting long items.

#### **Hangers**



Standard type

Hooks each part onto the clips.



Basket type

It can be used for bundle production.

# Janets Langer System

#### **Product lineup**

Product number	Model	Stations	Hangers	Installation methods	Length*(mm)	Examples of item, features	
40278384	JA-AH-AT1650A		Standard		1,650	Knit (T-shirt, foundation)	
40278383	JA-AH-AT1750A	Standard	Stariuaru		1,750	Apparel (e.g. jackets, pants, shirts)	
40278386	JA-AH-AT1750B	Staridard	Dooleat		1,750	Donalla sasado etias	
40278385	JA-AH-AT2000B		Basket		Otalia	2,000	Bundle production
40278382	JA-AH-CT1750A		0	or Ceiling	1,750	A 1/1 ': \	
40278381	JA-AH-CT2000A	Chain	Standard		2,000	Apparel (long items)	
40278388	JA-AH-CT1750B	Chain	Daalaat		1,750	D 11 1 11	
40278387	JA-AH-CT2000B		Basket		2,000	Bundle production	

Interval between stations

Power & air c	consumption							
	Hanger main motor	750W						
Rated output	Ctation mater	15W (Standard type)						
	Station motor	40W (Chain type)						
		- (9)						

Voltage	1-phase 220V
voitage	3-phase 380V
Air consumption	9m³/h 0.45-0.50MPa (Less than 35 stations)
All Consumption	12m³/h 0.48-0.50MPa (35-45 stations)

Line progress management by connecting JaNets Hanger System with JaNets, makes higher productivity than sitting operation!

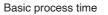
#### Connection with JaNets JT Simple (Equipment operation management system)

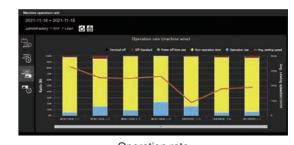


## Ovisualization with JaNets

Production progress of hanger lines can be obtained in real time from JaNets reports!







Operation rate

#### **JaNets Hanger System installation proposal**

## Sconnection with JaNets

The input amount for the assembly line can be examined based on the parts output managed by JaNets, preventing delays in the input of parts for the assembly line!

Final process of each part line
Installing JaNets JT Simple
Managing output & the amount

of work-in-progress



Determination of input quantity

Assembly line

nstalling JaNets Hanger System

Managing product flow

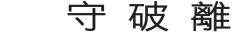
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Sewing machine inspection support system









## JUKI-ShuHaRi

Free registration

**JUKI-ShuHaRi** is applications that works with IoT (Internet of Things) devices such as smartphones and PCs to support sewing machine maintenance and solve problems on the sewing line!

**Product website** 

https://www.juki.co.jp/industrial\_e/service\_e/shuhari/



For more information and to apply for the JUKI-ShuHaRi, scan here!



# Smooth inspection with JUKI-ShuHaRi using a smartphone or tablet

#### Complete complex inspections with the Smartphone app

Identify the sewing machine to be worked on by capture the machine's nameplate or QR code in the "Search / Edit" menur on the smartphone app. Select "Daily Inspection" or "Periodic Inspection" from the TOP screen to start inspection.

The captured image of the nameplate automatically identifies your machine.



When the inspection launches, carry out the steps in sequence according to the instructions in the smartphone app.

The smartphone app guides you through the inspection with a simple sequence of images.



#### Three types of Maintenance functions

## **Daily inspection** can be completed in five minutes

- Simple inspections anyone can perform to keep the machine in proper running condition.
- Recommended for short periods of downtime such as before or after working hours.
- Inspection mode for easier inspections.

## Periodic inspection

- An inspection of deteriorated parts and defects performed in advance to prevent troubles and maintain machine performance.
- Inspections optimized based on the period of use ensure easy sewing machine management.
- An inspection mode for carrying out inspections in detail.

## Work report wherever and whenever you want

- Freely add photos and comments to your reporting data.
- Operations such as machine adjustments, parts replacements, and line changeovers can be recorded in daily work histories to facilitate sharing and confirmation.

We can also perform custom inspections tailored to your exact needs.

With the customization service, you can receive inspections specifically designed for your requirements.

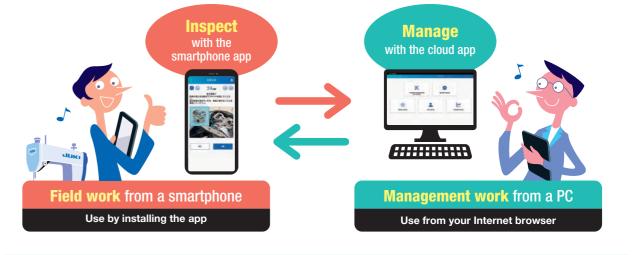
confirmation.













Efficient management using JUKI-ShuHaRi on a PC.

#### Maintenance record

Sewing-machine inspection results and work reports are managed collectively in a maintenance record that gives users a clear, big-picture view of the sewing machine conditions.



#### **Sewing machine management function**

- 1. It's now possible to track your sewing machines and equipment status.
- The overview text of inspections and operations can be analyzed from various perspectives.
- It's now possible to display the periodic inspections recommended by JUKI.



#### Information distribution function

Information can be distributed and shared using the smartphone push notification.

This function can also be used as a new internal-communication channel!



Sharing of internal-communica ons,work standards and work requests

Sharing of helpful information from JUKI







#### **Convenient Paid Functions**

Some useful functions are available for a fee.

#### **Inspection Schedule Function**

Easily create and manage inspection schedules and verify whether inspections have been completed.

JUKI-ShuHaRi sends out notifications on the scheduled inspections.

#### **All Work List Function**

JUKI-ShuHaRi provides a quick overview of all operations performed, enabling more efficient maintenance management.

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A human resource development program designed for the sewing industry

# JUKI e-learning



Two different types of training are provided:

Customers can select the type that suits your condition.

Individua training type

training

## Learning individually! Individual training type



The individual training type is provided in a standard e-learning format. The training participant takes the individual e-learning courses using Individual PC, tablets or smartphone. The management user can manage his/her progress on the web.

 $\setminus$  The Individual e-learning training is recommended for the following customers  $\angle$ 

Customers who can prepare an internet connection and device for every training participant.

**Customers who cannot provide group** training because of heavy workloads and restrictions on gatherings during the coronavirus pandemic.

**Customers with many** employees spread across multiple remote locations.

(1) Selecting a course

Visit the JUKI e-learning website on your PC, smartphone, or tablet browser to select an

(3) Conducting a short test

At the end of each chapter, the training participant takes a test to confirm that he/she has learned the content. A PDF certificate of completion will be issued to every participant who completes all of the chapters and passes all of the tests.

#### (2) Taking part in the e-learning courses by watching videos

Each training course is divided into several chapters. (A course takes about three hours, and a chapter takes about 10 to 30 minutes to learn.) Videos with audio commentary make it easy to learn the content

#### 4 Learning management function

The learning progress and learning histories of the training participants are displayed in an easy-to-understand list format The management user can manage the learning of all of the

## Learning together! Group training type



The group training type is provided in a lecture format using **JUKI e-learning** materials. The group training is conducted with a large number of participants at the same time. To carry out group training, an instructor has to be prepared within the customer's company.

 $\setminus$  The group e-learning training is recommended for the following customers  $\angle$ 

Customers who cannot provide separate Internet connections and devices for all

all of the training in a single session to lower their costs.

instructor will translate the e-learning materials to be used for the training.

#### 1 Downloading and printing the materials

First, an instructor has to be prepared within the company. Before conducting the group training, the instructor visits the **JUKI e-learning** website to download and print the instructional materials.

#### (2) Conducting the training with videos

Training participants gather together in one place. The instructor uses videos and instructional materials to conduct the training. To help the instructors, the JUKI e-learning website provides instructions on how to proceed through the training from the opening remarks to the completion of the tests. Background information, suggestions, and advice are also provided. The JUKI e-learning website also offers wide-ranging materials to support learning by the instructors themselves. The instructor training can be carried out at the same time.

#### (3) Conducting a short test

The training participant takes a test to confirm to using pre-printed confirmation test forms that he/she has learned the content. The instructor can give feedback to the participants on the spot using the test answers and explanations provided by JUKI. A certificate of completion can be printed and distributed to the participants after the course.

#### **Learning the essential basics** in the sewing industry

Many people are working in sewing-related industries around the world. Yet surprisingly few teaching materials have been developed to provide basic knowledge on sewing machines and sewing technology. Sewing machine operators therefore tend to be self-taught. The basic knowledge and skills acquired through

JUKI e-learning can be immediately applied to daily work.

#### from the online learning system The **JUKI** e-learning program has been developed based

**Gaining knowledge and experience** 

on accumulated

know-how and experience JUKI has acquired in technical training and management training over its long history. With easy-to-understand videos and narrations, training participants can seamlessly learn wide-ranging topics and skills. At the end of each chapter, the participant takes a test to confirm how well he/she understands the content





#### Overview of the courses Monthly fee system

All courses are available for an affordable monthly fee.

#### Target persons Beginner-level sewing operator / The person who want to learn the basics of sewing

Sewing Operator Training course



English / Japanese / Bengali / Chinese / Hindi / Indonesian / Spanish\* / Vietnamese

\* Only the screen display will be in Spanish and the audio will be in English.



Participants will learn basic knowledge and acquire practical skills, and demonstrate their abilities as employees of apparel, clothing,

#### Target persons Sewing machine maintenance staff / Intermediate-level sewing operator

Basic Knowledge of Sewing - Lockstitching

Basic Knowledge of Sewing - Overlock stitch

Basic Knowledge of Sewing - Coverstitch

English / Japanese / Chinese Hindi / Vietnamese

Focuses on the explanation of the main adjustment points (adjustment methods) that affect the formation of seams. The purpose of this course is to provide participants with the knowledge and skills to deal with stitching problems such as stitch skipping that may occur in actual sewing operation.

of their training participants.

Customers who want to provide

When a customer wants to provide training in an unsupported language, the customer's

## Target persons In charge of IE / Line leader

■ Basic Knowledge of Sewing - Double Chainstitch

Managerial Training Course - Production Design



English / Japanese

Learn and understand the optimal production line design method and system. It also aims to "review factory lines and systems so that you can find improvements."





The fees vary with the type of education and course. Please visit our website for detailed information on the latest courses, supported languages, and prices.

Official website https://www.juki.co.jp/industrial\_e/service\_e/elearning/

To apply, please use the QR code or URL on the right.



https://www.iuki.co.ip/industrial\_e/ service\_e/elearning/form.php







**Reduction of weight** 

Since the plastic bobbin is lighter than aluminum and iron, the thread tension is stable at a high level. Furthermore, it realizes beautiful stitching.

#### **High durability**

Since there is almost no rubbing inside the bobbin case, it is as durable as aluminum and iron.

#### **Reduction of running idle**

Thread bending that occurs after intermittent stitching or thread trimming is reduced. Needle thread tension at the start of sewing is reduced, and stitching is more stable. It also reduces the effect of the remaining bobbin thread amount on the thread tension.

#### JUKI's new reinforced plastic bobbin will help you to solve the problem.

- It takes time to adjust the thread tension.
- Irregular stitches on light-weight materials. Stitching is unstable at high and low speeds.
- Loose stitches at the start of sewing.

Applicable model	Set part No. (10pcs.) Blue	Set part No. (10pcs.) Red	Set part No. (10pcs.) Yellow
For lockstitching	40244783	40245124	40245136
For 2-fold hook lockstitching	40244784	40245125	40245137
For 2-needle	40244785	40245126	40245138
For Zigzag/Button hole	40244786	40245127	40245139
For bar tacking	40244787	40245128	40245140
For computer-controlled cyde machine	40244788	40245129	40245141

## **Ti-Mo-N Coating Looper**

#### Better Frictional Resistance, Better Thread Slip, New Loopers from JUKI

Ti-Mo-N film surface treatment on the loopers provides low friction and wear resistance. Smooth thread feeding improves the quality of sewing.

#### **Long Life**

Ti-MO-N film is a kind of titanium alloy coating film, which achieves long life like speed of 2m/s and sliding distance of TiN or TIAIN. The surface is covered with 200m, spun threads were impregnated

#### **Wear Test of Thread Path**

Under the conditions of thread winding a film with high hardness to prevent wear. with a brasive to promote wear.



#### **Low Resistance**

No. of Ti-MO-N coating part	No. of standard part	Part name	Applicable model
40237550	12968509	LOOPER L	MS-1261 / MS-1261M / MS-1261A
40237551	12968806	LOOPER R	MS-1261 / MS-1261M / MS-1261A
40237552	12969101	LOOPER C	MS-1261 / MS-1261M / MS-1261A
40237553	B2030481000	LOOPER	MH-480 Series
40237556	13424809	LOOPER	MF-7900, MF-7200D Series
40237557	12120705	CHAIN LOOPER	MO-6△16
40237559	13337902	LOOPER	MF-7500 Series
40246367	B242621000B	NEEDLE HOLE GUIDE D=2.0	AMS-E/EN Series
40246368	B242621000D	NEEDLE HOLE GUIDE D=2.4	AMS-E/EN Series
40246369	B242621000F	NEEDLE HOLE GUIDE D=3.0	AMS-E/EN Series
40246467	11999307	LOWER LOOPER	MO-6700 / MO-6900S Series
40246468	12176004	UPPER LOOPER	MO-6700 / MO-6900S Series
40247112	12176103	UPPER LOOPER	MO-6700 / MO-6900S Series
40249863	B2426280000	NEEDLE HOLE GUIDE	LK-1900BN Series
40257763	12176202	UPPER LOOPER	MO-6△16 (for high lift model)
40257815	11991908	UPPER LOOPER	MO-6△04, 6△14 (for high lift model)
40257816	11999802	LOWER LOOPER	MO for thick thread
40257895	B2030380000	LOOPER (Left)	MH-380/MH-382
40257896	B2031380000	LOOPER (Right)	MH-380/MH-382

### **Bird-Nest Prevention Device** for DDL lockstich machine

The quality of lockstitch at the start of sewing is improved. It can be easily retrofitted and is effective for "bird's nest prevention" at the start of lockstitch.

This is an optional device that can be retrofitted to prevent the "bird's nest" that occurs at the start of sewing in the thread trimming machine.

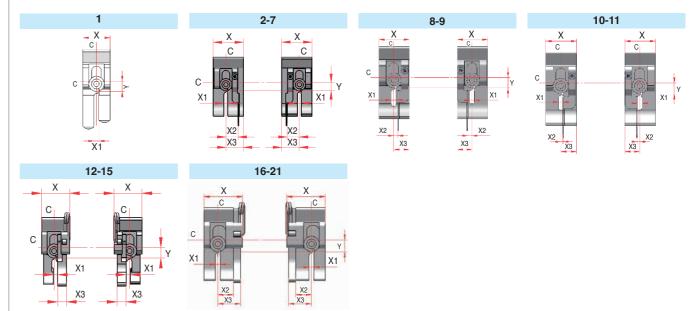
The processing process such as thread trimming at the start of sewing part can be omitted, and productivity is improved. Since the needle thread after thread trimming is clamped, the start of sewing is stable even when sewing is started from the edge of the material.



**Option Parts** 

List of Optional presser foot for Bird's nest prevention device (JSH-PBNB01/JSH-PBNS01/JSH-8000APBNB01/JSH-8000APBNS01)

		DECODIDATION		SIZE					
No.	PART No.	DESCRIPTION	Х	X1	X2	ХЗ	Υ		
1	JSH-001-11A	Flat presser (Standard Presser Foot)	11	2	-	-	4.4		
2	JSH-001R1-4	Presser foot with fixed guide (1/4, right)	16	2	6.4	9	4.45		
3	JSH-001R1-8	Presser foot with fixed guide (1/8, right)	13	2	3.2	7	4.45		
4	JSH-001R3-16	Presser foot with fixed guide (3/16, right)	16	2	4.8	9	4.45		
5	JSH-001L1-4	Presser foot with fixed guide (1/4, left)	16	2	6.4	9	4.45		
6	JSH-001L1-8	Presser foot with fixed guide (1/8, left)	13	2	3.2	6	4.45		
7	JSH-001L3-16	Presser foot with fixed guide (3/16, left)	16	2	4.8	9	4.45		
8	JSH-001R1-16	Presser foot with fixed guide (1/16, right)	13	2	1.6	7	4.45		
9	JSH-001L1-16	Presser foot with fixed guide (1/16, left)	13	2	1.6	6	4.45		
10	JSH-001R1-32	Presser foot with fixed guide (1/32, right)	13	1.8	0.8	7	4.45		
11	JSH-001L1-32	Presser foot with fixed guide (1/32, left)	13	1.8	0.8	6	4.45		
12	JSH-001AR1-16	Presser foot with moving guide (1/16, right)	13	2	-	4	4.8		
13	JSH-001AR1-32	Presser foot with moving guide (1/32, right)	13	2	-	4	4.8		
14	JSH-001AL1-16	Presser foot with moving guide (1/16, left)	13	2	-	4	4.8		
15	JSH-001AL1-32	Presser foot with moving guide (1/32, left)	13	2	-	4	4.8		
16	JSH-001AR1-4	Presser foot with moving guide (1/4, right)	16	2	6.4	9	4.8		
17	JSH-001AR1-8	Presser foot with moving guide (1/8, right)	15	2	3.2	8	4.8		
18	JSH-001AR3-16	Presser foot with moving guide (3/16, right)	16	2	4.8	8	4.8		
19	JSH-001AL1-4	Presser foot with moving guide (1/4, left)	16	2	6.4	9	4.8		
20	JSH-001AL1-8	Presser foot with moving guide (1/8, left)	15	2	3.2	8	4.8		
21	JSH-001AL3-16	Presser foot with moving guide (3/16, left)	16	2	4.8	8	4.8		



## **DDL-9000C Series Optional Items**

Proposing Optional DDL-9000C Items that Further Improve Productivity and Sewing Quality

Applicable Models

Premium Digital

DDL-9000C-FMS (Medium-weight / Semi-dry)

DDL-9000C-FSH

(Heavy-weight / Minute-quantity lubrication)

Digital

27003805

DDL-9000C-SMS (Medium-weight / Semi-dry)

DDL-9000C-SSH

NO-ROTATION BOBBIN

(Heavy-weight / Minute-quantity lubrication)



0

DDL-9000C

#### List of DDL-9000C series optional products

<ul> <li>Not applicable</li> </ul>

			O Can be litted	ι του αρριισασίο
No.	Parts no.	Description	Premium Digital	Digital
1	40188622	THICKNESS SENSOR ASM.	Standard	0
2	40194389	MICRO LIFTING DEVICE ASM. FOR S	Digital	0
3	JSH-PBNB01	BIRD NEST PREVENTION DEVICE (Backhold type)	0	0
	JSH-PBNS01	BIRD NEST PREVENTION DEVICE (Side-mounted type)	_	0
4	40065571	ELECTRIC FAN HOOK COOLING DEVICE	0	0
(5)	40065552	THROAT PLATE SCREW (Fixed pin type)	0	0
6	22970404	NEEDLE BAR THREAD HOOK	0	0
7	40206843	KNEE TYPE LIFTING DEVICE (Electronic control)	0	Manual
8	40174617	AUTO-LIFTER AK-154 (Foot-pedal type)	Standard	0
9	40257811	3-POSITION PRESSER FOOT HOLDER (For DDL-9000C-F)	0	_
	MAS07300AA0	3-POSITION PRESSER FOOT HOLDER (For DDL-9000C-S)	_	0
	40172389	Presser bar cap (For Full-digital)	0	_
10	40197869	SUPER SHORT THREAD GAUGE SET (4-row)	O (S-type only)	O (S-type only)
11)	40209906	PARTS KIT_9000C_S (ACC) (S-type: Midium)	0	0
	40209907	PARTS KIT_9000C_H (ACC) (H-type: Heavy)	0	0
Besid	des the catalogs, we a	ask you to purchase the following products.		
12	22890206	RP HOOK (Dry-hook)	0	0
13	22890404	RP HOOK-C (Dry-hook/with needle guard)	0	0
14)	27003557	HOOK ASM. (For No-rotation bobbin)	0	0
15)	27003755	BOBBIN CASE ASM. (For No-rotation bobbin)	0	0

## **LK-1900C Series Optional Items**

Proposing Optional LK-1900C Series Items that Further Improve Productivity and Sewing Quality

#### **Target Models**

#### 1 movable eye guard device

Part Number: 40297869

The movable eye guard device lowers to a protective position to shield the eyes from broken needles and other hazards when the machine is in operation.

When the sewing machine is at rest, the eye guard automatically goes up to provide a clear view of the the fabric smoothly.

needle entry area, thereby allowing the operator to place.



#### 2 NFC terminal

#### Part Number: 40289481

Two-way data communication function for sewing machine data using an NFC terminal. The standard LCD panel is provided as standard with a USB port to facilitate data management between sewing machines and update of software. If you additionally use the optional NFC terminal, bidirectional data communication is enabled with a commercially-available Android terminal in a non-contact



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

data with other sewing machines to reduce the time required for set-up changing

sharing of pre-set sewing



Smart APP. (Operation is confirmed with respect to

#### 3 One touch button switching kit

#### Part Number: 40297574

It is a double-function enabling kit for converting the bartacking machine to the button sewing machine.



• This table only lists the sections that are different from the LK-1900C.

#### Specifications

1	Max. sewing speed	2,700 sti/min
2	Lift of the work clamp foot	Max. 11 mm
3	Number of standard patterns	50 patterns

#### Sewing mode

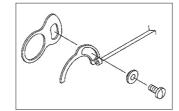
Button size	For small button			
Outside diameter that can be adju	Ф10~Ф20			
Cowing pizo ()	Υ	0~3.5		
Sewing size (mm)	Х	0~3.5		

<sup>•</sup>Shank buttons cannot be sewn.

## 5 Thread breakage detector kit

#### Part Number: 40298501

The thread breakage detection kit detects the movement of the upper thread during sewing and automatically detects thread breakage based on the contact between the thread take-up spring and the detection plate. When thread breakage is detected, the sewing machine automatically stops, allowing immediate re-sewing, thus improving work efficiency.



#### LIST OF OPTIONAL DEVICES FOR THE LK-1900C

No.	Name Parts no.		Features	models	
0	Movable eye guard kit	40297869	The device that protects eyes only during sewing. The eye guard automatically goes up while the sewing machine is at rest to facilitate placement of the fabric.	Excluding the LK-1905C	
2	NFC terminal 40289481		The terminal for wirelessly sharing setting data of the sewing machine.	All models	
3	One touch button switching kit	40297574	The kit for converting specifications of the bartacking machine to those of the button sewing machine.	LK-1900C	
4	Panel cable assy L 40297363		A long cable to be used to install the operation panel on the table. (1.6 m for installation on the table)	Excluding the LK-1902C	
6	Thread breakage detector kit	40298501	The device that detects thread breakage to stop the sewing machine.	All models	
6	Pedal for standing work	M85205800A0	Conversion cable (separately available) is necessary to connect to the electrical control box.	All models	
7	Pedal switch conversion cable assy for standing work	40304660		All models	
8	PK-57 Pedal for standing work	GPK570010B0	Conversion cable (separately available) is necessary to connect to the electrical control box.	All models	
9	Pedal switch conversion cable assy for PK-57	40291303	Please order 'arth set: 40298598' separately.	All models	
10	Simple work clamp kit	40057279	Conventionally, the front plate has to be removed to change the work clamp. With the new work clamp kit, the work clamp can be changed without removing the plate.	LK-1900C, LK-1905C	
1	IP-510A panel	40296932	Large color LCD touch panel with input function	All models	
12	Operation box fixed plate (B) asm.	40035024	Mounting plate for table installation for IP-510A	All models	
13	Wood screw D=4.1 L=3.2 (2 pieces) SK3413201SE		Mounting plate screws for IP-510A	All models	
14	Cable band	EA9500B0100	Cable fixing band for IP-510A	All models	
<b>(</b>	Core	HN004510000	IP-510A panel cable core (for CE)	All models	

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#### **DLC** hook

DLC coating extends the life of the hook and reduces oil stains on sewing materials.

#### What is DLC?

DLC is an abbreviation for Diamond-Like Carbon, which is a hard coating that has properties similar to diamond and is mainly composed of hydrocarbon. By coating the surface of the material with a thin film of DLC, new properties such as hardness, lubricity, and wear resistance can be given.





#### . Can be used stably for a long time!

- DLC coating is applied to the conventional hook, and the surface hardness of the hook has been improved.
- Wear resistance is improved, and wear and seizure of the shuttle and inner hook can be reduced, extending the service life and enabling long-term use.
- Wear is reduced compared to conventional hooks. So stable seam quality can be obtained.

#### 2. Reduction of oil stains!

- Since the DLC coating has high self-lubricating properties, the hook lubrication could be minimized.
- This hook can greatly reduce seizure even when used with a very small amount of oil.
- The amount of hook oil can be minimized, reducing oil stains on sewing materials.



The AMS Series / LK Series shuttle hooks have DLC coating on the shuttle.

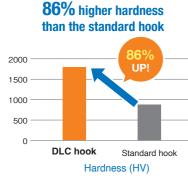


The LU-1500N Series / LU-2800 Series rotary hooks have DLC coating on the inner and outer

#### **Features**

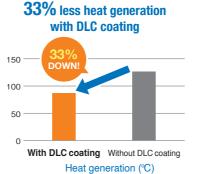
#### **Increased surface** hardness!

High hardness coating improves wear resistance! Not only the service life of the hook is extended but also the seam quality is stabilized.



#### **High self-lubricating** properties!

Self-lubricating properties allow use with a very small amount of hook oil! As a result, oil stains on sewing materials are reduced.



#### List of part numbers

#### **Shuttle hook**

DLC hook

Standard hook





40061991	AMS-210E / AMS-221E / AMS-210EN	Н	
40061991	AMC 004E / AMC 004EN		
Г	AMS-224E / AMS-221EN	H/G	
	AMS-224EN	H/G/T	
D1010210D0D	AMS-210D / AMS-215D / AMS-221D	H*	
D 10 102 10D0D	LK-1910 / LK-1920 / LK-1930	HS* / HA*	
	LK-1900\$ / LK-1903\$ LK-1901A / LK-1902A / LK-1903A LK-1901AN / 1902AN / LK-1903AN LK-1901B / LK-1902B / LK-1901BN / LK-1902BN	S	
40110846	LK-1900A / LK-1900AN	S/F/M	
	LK-1903B / LK-1903BN	S/B	
	LK-1900B / LK-1900BN	S/F/M/B	
	AB-1351 / AB-1360	-	
	AMS-210ENSS1306SZ7450	Name embroidery type	
40112995	LK-1900S LK-1900A / LK-1902A / LK-1900AN / LK-1902AN LK-1900B / LK-1902B / LK-1900BN / LK-1902BN	Н	
		40110846 LK-1910 / LK-1920 / LK-1930 LK-1900S / LK-1900S / LK-1902A / LK-1903A LK-1901A / LK-1902A / LK-1903AN LK-1901AN / 1902AN / LK-1903AN LK-1901B / LK-1902B / LK-1901B N / LK-1902BN LK-1900A / LK-1900AN LK-1900BN LK-1900BN LK-1900B / LK-1900BN AB-1351 / AB-1360 AMS-210ENSS1306SZ7450 LK-1900S LK-1900A / LK-1900A / LK-1900AN	

The shuttle driver must be replaced at the same time (40014963)

#### Recommended models

#### **LU Series & AMS Series**

### **Thread Lock Preventer Base Plate**

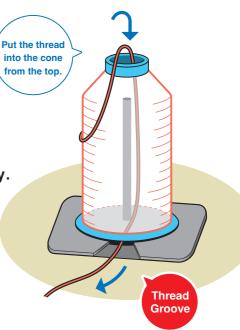
Reduced "twisting and untwisting thread" due to thread flapping.

The base plate with a thread lock preventer allows you to work without loss of efficiency.

For the sewing products using thick threads such as

furniture

**Thread Groove** 





**Option Parts** 

Such troubles

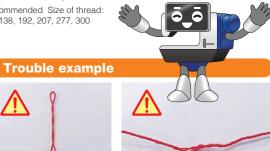
are greatly

#### Thread Lock Preventer Base Plate Model name 40205645

Made of vinyl chloride

●H140mm×W140mm, D2mm

• Recommended Size of thread 69, 138, 192, 207, 277, 300



Thread twist

Thread untwist

By adding a thread groove to the base plate, the thread can be fed out from under the cone. "Thread twist" and "thread return" caused by thread flapping are reduced, allowing you to continue working without stopping. Furthermore, since there is no spool rest arm, the area around the thread stand looks neat and beautiful.

Thread Lock Preventer

Base Plate (Option)





Base Plate



Put the thread inside the cone from the top, pass it through to the bottom, and use it by pulling it out from the thread groove of the base plate. The thread can be stabilized by passing through the narrow groove



If you use a cone lower than the spool rest rod, the thread will get entangled in the rod. Make sure to use a cone higher than the spool rest rod.

### **Optional products for PS-800 Series**

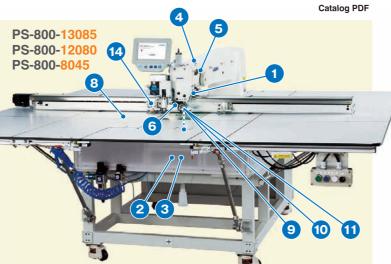
Proposal of optional items exclusively for PS-800 to further improve

productivity and sewing quality



PS-800-13085 PS-800-3830 PS-800-12080 PS-800-2850

PS-800-8045







#### Compatibility table for each model

Part Name		Part	13085			12080			8045				3830			2850		
		Number	S Spec	H Spec	Rotary knife	Laser	S Spec	H Spec	Rotary knife	Laser	S Spec	H Spec	Rotary knife	Laser	S Spec	H Spec	Rotary knife	S Spec
OActive tensio device	n	40228700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	_
2BK-8 Bobbin changer devi	ce	40228699	0	0	0	0	0	0	0	0	0	0	0	0	_	_	_	-
Bobbin Threa Remaining D		40228698	0	0	0	0	0	0	0	0	0	0	0	0	_	_	_	-
4Bird's nest prevention de	evice	40228695	0	0	0	0	0	0	0	0	0	0	0	0	_	_	-	-
5Third thread tension unit		40228696	0	*	0	0	0	*	0	0	0	*	0	0	0	*	0	-
6Pen stick asn	n.	40228686	0	0	0	0	0	0	0	0	0	0	0	0	_	_	_	_
7Thick materia	Thick material kit		0	*	0	0	0	*	0	0	0	*	0	0	0	*	0	_
3Template lift	device	40239772	*	*	*	*	*	*	*	*	0	0	0	0	_	-	-	-
9Plastic	Blue	40244784	0			0	0	0	0	0	0	0	0	0	0	0	0	_
bobbin for	Red	40245125		0	0													
2-fold hook	Yellow	40245137																
• Plastic	Blue	40244783																
bobbin for standard	Red	40245124	_	-	-	_	_	_	_	-	–	_	_	_	_	-	-	0
hook	Yellow	40245136																
Needle guard		40273423	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	_
Counter knife in plate for heavy	reinforcing weight	40269240	_	0	_	_	_	0	_	-	_	0	-	-	_	0	-	-
@Fabric Vacuum	For 3830	40286900	_	_	_	_	_	_	_	_	_	_	_	_	0	_	0	_
	For 2850	40275338	_	_	_	_	_	_	_	_	_	_	_	_	_	_	<u> </u>	0
(BChucking dev	vice	40286901	_			_	_	_	_			_	_	_	0	0	0	_
(Barcode read	ler	40235194	0	0	0	0	0	0	0	0	0	0	0	0	_	_	_	_

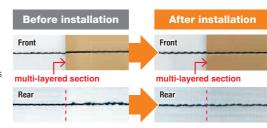
Options marked with \* are equipped as standard.

#### Partial introduction

#### **Active tension device**

#### Part Number: 40228700

The active tension device can change the needle thread tension electrically. For the needle thread tension setting linked to the thickness of the cloth and the thread tension setting that changes according to the sewing direction, it is possible to input the tension value





Productivity improvement Safety improvement

Quality improvement

#### **BK-8 Bobbin changer device**

#### Part Number: 40228699

for each stitch from the panel.

The BK-8 bobbin changer device automatically changes pre-set bobbin cases, saving operators the trouble of changing bobbins and increasing the production efficiency.

Optional parts for BK-8 Cassette: 40207417





#### Thick material kit

#### Part Number: 40228701

A thick material kit is a set of gauge parts for sewing thick materials. It is a set of intermediate presser D = 3.5, thread

tension controller (assembly) (thick), needle hole guide D = 3.0, counter knife (thick), and hook (thick). Normally, this set is required when changing from an S spec sewing machine to an H spec one.





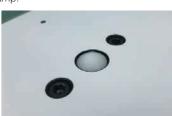
8 Template lift device

Productivity improvement Safety improvement

#### Part Number: 40239772

The template lift device is a device that lifts and supports the template from under the table so that the template can be easily inserted into the clamp.

• For PS-800-13085 and PS-800-12080, it is standard equipment.



ment Productivity improvemen

#### 9 Plastic bobbin

40244784 (Blue), 40245125 (Red), 40245137 (Yellow) For 2-fold hook (For PS-800-13085, PS-800-12080, PS-800-8045, PS-800-3830)

40244783 (Blue), 40245124 (Red), 40245136 (Yellow) For standard hook (For PS-800-2850)

Plastic bobbins are lighter than aluminum or steel, which reduces thread bending after intermittent stitching and thread trimming. In addition, the needle thread tension at the beginning of sewing is

also reduced, making stitching more stable. Furthermore, there is almost no rubbing inside the bobbin case, so it is as durable as aluminum or iron. A total of 3 colors are available, which is useful when managing the yarn count.



Quality improvement Productivity improvement

#### 10 Needle guard hook

#### Part Number: 40273423

The needle guard hook can prevent stitch skipping by maintaining a constant gap between the needle and the hook blade point with the needle guard. In addition, since the hook blade point is prevented from contacting the needle, it is

expected to have the effect of extending the life of the hook blade point.

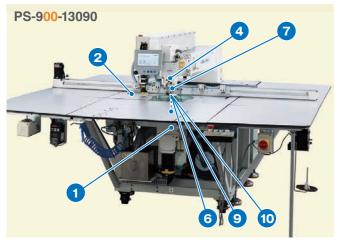


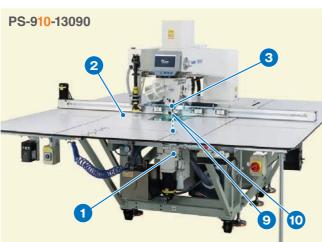
### **Optional products for PS-900/PS-910 Series**

Proposal of optional items exclusively for PS-900/910 to further improve productivity and sewing quality



Target Models: PS-900-13090 PS-910-13090





#### Compatibility table

Part Name		Part	PS-900	-13090	PS-910-13090		
		Number	S Spec	Laser	S Spec	Laser	
1 BK-10 Bobbin	1 BK-10 Bobbin changer device		0	0	0	0	
2 Barcode	2 Barcode For PS-900		0	0	_	_	
reader	For PS-910	40289310	_	_	0	0	
Needle thread	Needle thread clamp unit		_	_	0	0	
OPen stick	Except for China	40270708	0	0	_	_	
asm.	China	40270707	0	0	_	_	
Thread trimming drive cylinder unit		40291740	_	_	_	_	
Thick material kit (For PS-900)		40270717	0	0	_	_	
Needle bar H	(For PS-900)	40266167	0	0	_	_	
O Auxiliary pres	sser unit	40289312	Standard	Standard	Standard	Standard	
	Blue	40244784	0				
<ul><li>Plastic bobbin</li></ul>	Red	40245125		0	0	0	
	Yellow	40245137					
Needle guard hook		40273423	0	0	0	0	

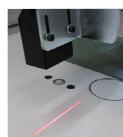


#### **Barcode reader**

Part Number: 40270709 (PS-900-13090) 40289310 (PS-910-13090)

The barcode reader can read the barcode pasted on the specified position of the template and call the sewing data of the template. Therefore, it is possible to eliminate

of sewing data. Retrofitting is required if the country is not RFID certified.



#### **Partial introduction**

Productivity improvement Safety improvemen

**BK-10 Bobbin changer device** 

3 Needle thread clamp unit

#### Part Number: 40270689

BK-10 Bobbin changer device automatically changes pre-set bobbin cases, saving operators the trouble of changing bobbins and increasing the production efficiency. Up to 7 spare bobbins can be set in the cassette

ullet One cassette for BK-10 is included. If you need more, arrange the cassette: 40207417.









Part Number: 440289313

The needle thread clamp unit prevents the needle thread and bobbin thread from becoming entangled at the start of the next sewing by grasping the tip of the needle thread after thread trimming, resulting in beautiful seams from the beginning.









LK-1903C<sub>Series</sub>



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

\*The sewing speed of LK-1903C is 2,700 sti/min

