WHEN YOU PLACE ORDERS
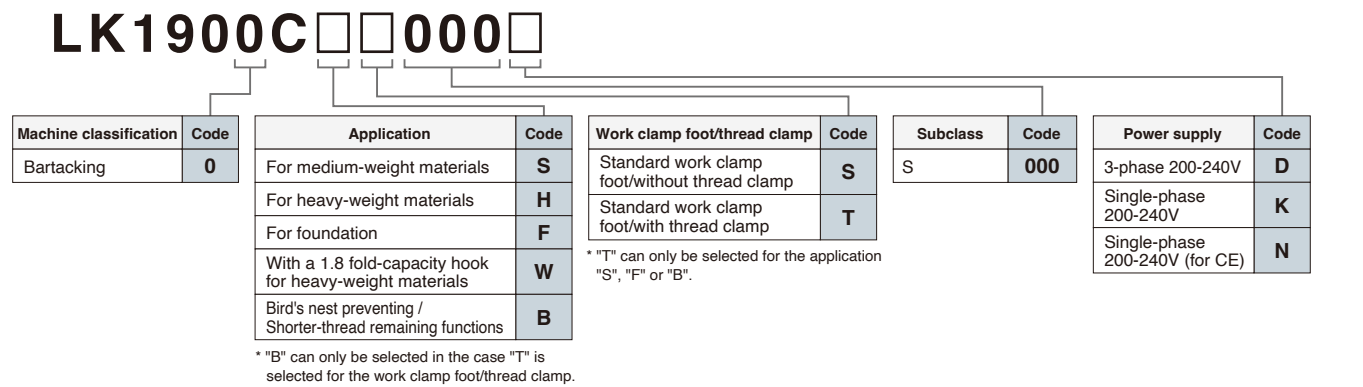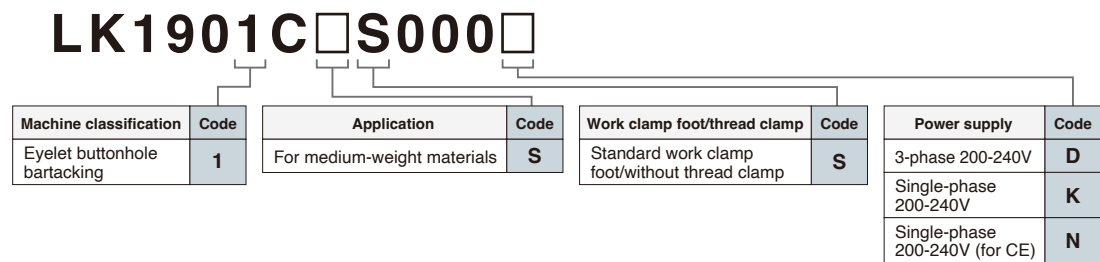
Please note when placing orders, that the model name should be written as follows:
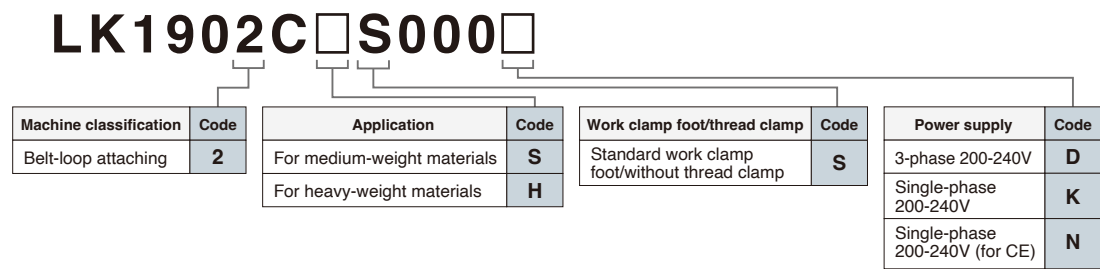
Machine head, control box, panel
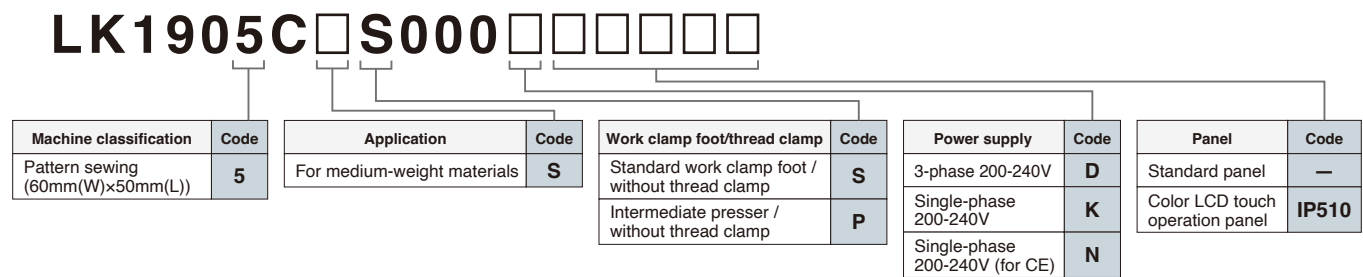
● **Computer-controlled, High-speed, Bartacking Sewing System**

LK1900C□□000□

Machine classification	Code
Bartacking	0

Application	Code
For medium-weight materials	S
For heavy-weight materials	H
For foundation	F
With a 1.8 fold-capacity hook for heavy-weight materials	W
Bird's nest preventing / Shorter-thread remaining functions	B

* "B" can be selected in the case "T" is selected for the work clamp foot/thread clamp.

Work clamp foot/thread clamp	Code
Standard work clamp foot/without thread clamp	S
Standard work clamp foot/with thread clamp	T

* "T" can only be selected for the application "S", "F" or "B".

Subclass	Code
S	000

Power supply	Code
3-phase 200-240V	D
Single-phase 200-240V	K
Single-phase 200-240V (for CE)	N

● **Computer-controlled, High-speed, Eyelet buttonhole bartacking Sewing System**

LK1901C□S000□

Machine classification	Code
Eyelet buttonhole bartacking	1

Application	Code
For medium-weight materials	S

Work clamp foot/thread clamp	Code
Standard work clamp foot/without thread clamp	S

Power supply	Code
3-phase 200-240V	D
Single-phase 200-240V	K
Single-phase 200-240V (for CE)	N

● **Computer-controlled, High-speed, Belt-loop attaching Sewing System**

LK1902C□S000□

Machine classification	Code
Belt-loop attaching	2

Application	Code
For medium-weight materials	S
For heavy-weight materials	H

Work clamp foot/thread clamp	Code
Standard work clamp foot/without thread clamp	S

Power supply	Code
3-phase 200-240V	D
Single-phase 200-240V	K
Single-phase 200-240V (for CE)	N

● **Computer-controlled, High-speed, Pattern Sewing System (Sewing area expansion model)**

LK1905C□S000□□□□□

Machine classification	Code
Pattern sewing (60mm(W)×50mm(L))	5

Application	Code
For medium-weight materials	S

Work clamp foot/thread clamp	Code
Standard work clamp foot / without thread clamp	S
Intermediate presser / without thread clamp	P

Power supply	Code
3-phase 200-240V	D
Single-phase 200-240V	K
Single-phase 200-240V (for CE)	N

Panel	Code
Standard panel	—
Color LCD touch operation panel	IP510

Products complied with JUKI SUSTAINABLE PRODUCTS Standard (JUKI own standard)

JUKI SUSTAINABLE PRODUCTS

The products are paying attention to environmental impact reduction, better working environment and helping create smart factory.
The power consumption is reduced by 25% or more compared to conventional products.

JUKI CORPORATION
SEWING BUSINESS UNIT

2-11-1, TSURUMAKI, TAMA-SHI, TOKYO 206-8551, JAPAN
PHONE: (81) 42-357-2370 FAX: (81) 42-357-2274
https://www.juki.co.jp/en

● 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.
● QR code is a registered trademark of DENSO WAVE INCORPORATED.

JANUARY, 2025 Printed in Japan(TN)

DIGITALLY
Smart Solution

LK-1900C Series
Computer-controlled, High-speed, Bartacking Sewing System

World's highest class sewing speed of 3,300 sti/min !
Established computer-controlled bartacking machine is now further evolved.

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

LK-1900CSS000K

Computer-controlled, High-speed, Bartacking Sewing System

LK-1900C Series

Computer-controlled, High-speed, Bartacking Sewing System

LK-1900C Series

DIGITALLY Smart Solution

Digital sewing system proposes the production process added with a computerized new value to all the people who engage in production.

Increased productivity

New Higher productivity

The LK-1900C has achieved the maximum sewing speed of 3,300 sti/min. The new mechanism contributes to increased rigidity of the machine driving section. In addition, greater speed is achieved through the reviewing of the Oiling System.
● The LK-1900CW (with a 1.8-fold capacity hook) runs at a speed of 3,000 sti/min.

New Easier alignment of sewing positions
Patent pending

The "built-in LED marking light" facilitates positioning of bartacking to reduce unnecessary operation for placing the fabric. The irradiation width of the marking light is adjustable.
● Some types of the work clamp foot may hide the irradiated light.

Example of The H type thread guide installed.

New Standard LCD panel / Control box integrated with the machine head

The control box integrated with the machine head, originally designed by JUKI, is adopted. The number of standard patterns is 100. As many as 999 patterns (500,000 stitches) can be stored in memory. The new upright type operation panel is installed on the side face of the machine head to allow the operator to operate the machine without averting his/her eyes, during sewing, from the bartack being sewn. In addition, the table surface can be used widely. The operation panel can also be installed on the table as before.
● If you want to install the operation panel on the table, an optional connecting cable (1.6 m) will be necessary. Part number: 40297363

Standard LCD panel: To be installed to the machine head

Control box integrated with the machine head

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: Part number 40289481

USB port

Data communication

NFC terminal optional

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

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.

New Movable eye guard device optional

The movable eye guard device protects eyes only during sewing. When the sewing machine is at rest, the eye guard automatically goes up to provide a clear view of the needle entry area, thereby allowing the operator to place the fabric smoothly.
● Movable eye guard kit: Part number 40297869
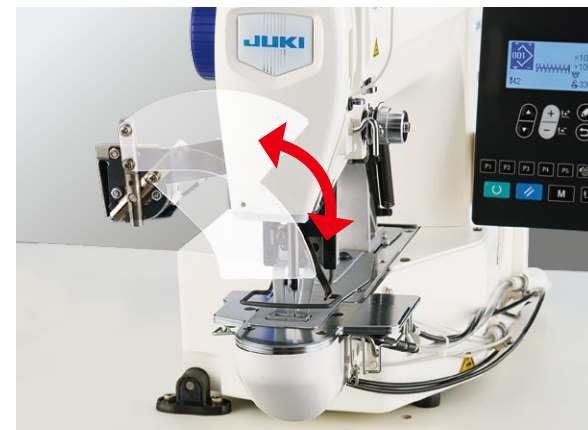
1.8-fold capacity hook type is supported: LK-1900CW

LK-1900C-WS has adopted a 1.8-fold capacity hook to reduce the time required for thread changing by half in comparison with the standard hook. The maximum sewing speed has been significantly increased to 3,000 sti/min to contribute to increased production capacity.
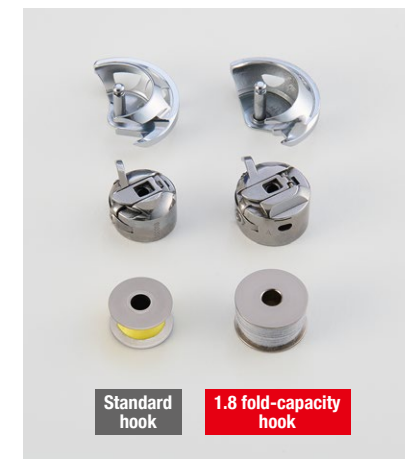
Standard hook

1.8 fold-capacity hook

Various functions

Excellent workability and operability
(Low-noise and low-vibration)

● The direct-drive head (with no belt), which is directly connected to a compact AC servomotor, achieves outstanding. This head helps create a comfortable working environment with reduced vibration and noise.

● The arm section of the machine head is fitted with a hand pulley. This allows the operator to visually check the needle entry points.

Many different sewing patterns

● The machine is provided as standard with 100 different sewing patterns. The machine permits easy changeover of sewing patterns for effortless execution of an inexhaustible range of sewing specifications.

Auto-lifter mechanism utilizing a system

● The machine is provided as standard with auto-lifter that uses a stepping-motor system. This helps reduce operator fatigue.

● It is also possible to change over the stroke of the auto-lifter from a onestep stroke to a double-step stroke, which offers easier positioning of a material on the machine. For the double-step stroke, an intermediate stopping height can be established on the operation panel.

● The work clamp foot lift can be set to a maximum of 17 mm. (Standard 14 mm)

Excellent seam quality

● Needle thread grasping mechanism helps produce consistent knot tying at the beginning of sewing. (This device has been factory-set to "invoking prohibited" status at the time of delivery.)
● In the case "T" is selected for the work clamp foot/thread clamp

The sewing starting point can be corrected

● The sewing starting point can be moved in the X and/or Y directions. The position of the sewing pattern can be corrected in accordance with the shape of the work clamp foot.

Oil stains are eliminated

● Thanks to our advanced dry-head technology, the frame (needle bar and thread take-up) no longer requires lubrication. This prevents the material from being stained with lubricating oil.

● Just a small quantity of clean oil is supplied from the oil tank to the hook.

The machine is provided as standard with the active tension (electronic thread tension control mechanism)

● Since the machine is provided with an active tension mechanism, it is able to set a needle thread tension that matches various sewing conditions (such as thread, material and sewing speed) on the operation panel, store the data in memory and reproduce it.

● The needle thread tension can be separated according to stitching type or portion of a seam, such as the beginning part of the seam, in the middle of sewing and end of the seam (fastening stitch).
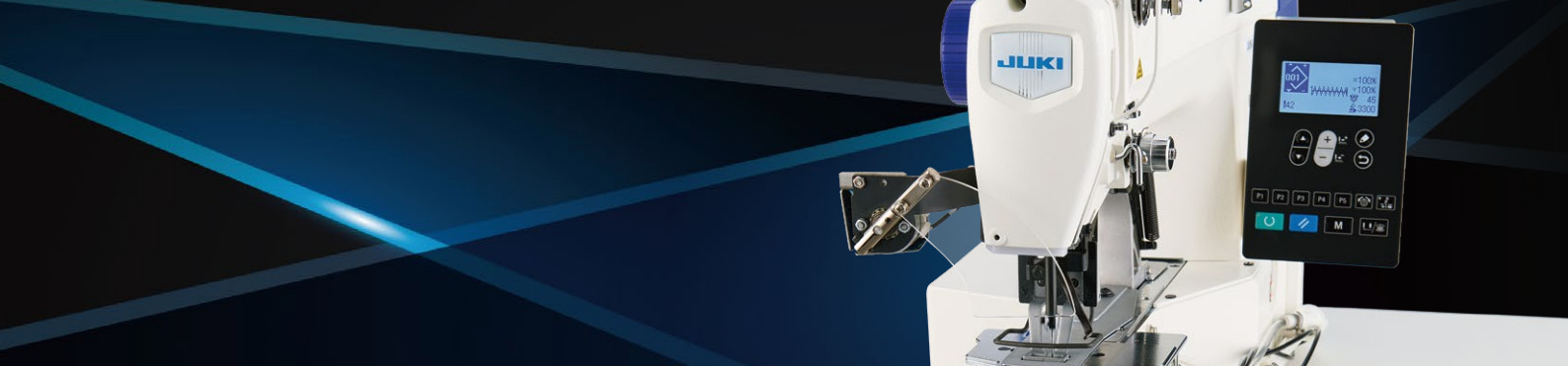
Improved working environment

Operator's fatigue is reduced

The LED hand light is now provided with color matching function using two colors (white/light bulb color) in addition to the conventional dimming function. Illumination is adjustable in five levels and dimming is in 10 levels to help reduce the eye fatigue of the operator who is engaged in sewing operation for extended hours.

Mixed color

White

Light bulb color

Noise are reduced

This machine substantially reduces noise in comparison with the predecessor models to provide the wok environment that takes reduction of the operator's fatigue into consideration.

● Reduction of noise of the sewing machine by approximately **40%** ...... Stress on the ears is relieved

Comparison of noise

Reduced by approximately
40%
in comparison with the predecessor model

Conventional models | LK-1900C
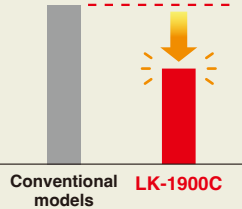
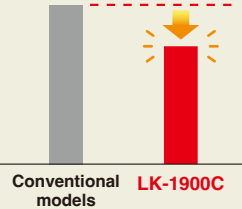● Comparison at the sewing speed of 3,200sti/min

Environmental-friendly power saving

Aiming at the creation of environment-conscious products, an encoder is mounted on the stepping motor. Thanks to the JUKI's unique control technology, power consumption of this machine is reduced by approximately **26%** in comparison with the predecessor model.

Comparison of power consumption

Reduced by approximately
26%
in comparison with the predecessor model

Conventional models | LK-1900C

LK-1900C TABLE OF THE STANDARD PATTERNS (No.1 to No.100)

See the Standard pattern list by reading the following QR code.

URL

LK-1900C TABLE OF THE STANDARD PATTERNS① (No.1~No.26, No.51)
LK-1900CB TABLE OF THE STANDARD PATTERNS① (No.1~No.26)

1. Sewing size shows the dimensions when the scale rate is 100%.
2. Refer the No. of work clamp foot to the table of work clamp foot on page 6.
3. For ☆ marks, process the work clamp foot blank for use.
4. Use the patterns with * marks for sewing denim.
5. No. 51 is for the machine without thread clamp device. Cannot be selected for LK-1900CB.

Computer-controlled, High-speed, Bartacking Sewing System

LK-1900C

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.

Many different models are prepared according to the type of materials

● The LK-1900C model comes in five different subclass models, such as S type (standard), H type (for heavy-weight materials), F type (for foundation), W type (with a 1.8 fold-capacity hook for heavy-weight materials) and B type (bird's nest preventing / shorter - thread remaining functions), to offer a choice according to any application.

● The needle's penetrating force into the material has been increased. This provides an improved responsiveness to heavy-weight materials for the H type machine.

● The W type has adopted a 1.8 fold-capacity hook, which reduces the frequency of bobbin-thread changing to enable highly efficient sewing work.

S type
(Bartacking pocket lip of suits)

F type
(Attaching the shoulder straps to brassier)

H, W type
(Bartacking crotch of jeans)

One touch button switching kit [optional] 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

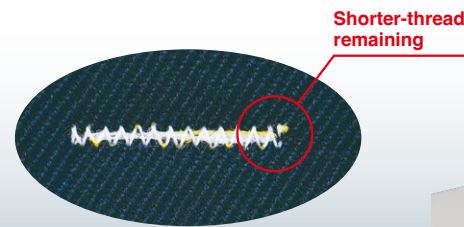|		
Button size		For small button
Outside diameter that can be adjusted (mm)		Φ10～Φ20
Sewing size (mm)	Y	0～3.5
	X	0～3.5

Shank buttons cannot be sewn.

Computer-controlled, High-speed, Bartacking Sewing System
(Bird's nest preventing / Shorter-thread remaining functions)

LK-1900CB

Shorter-thread remaining

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

The movable eye protection cover, shown in the photo, is optionally available.

Thanks to the Bird's nest preventing / shorter-thread remaining functions, manual thread-nipping is no longer required and gives soft and smooth feeling on the bartaking sections where directly contact skin such as brassieres and tank tops.

- 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 spun thread

Computer-controlled, High-speed, Eyelet buttonhole bartacking Sewing System

LK-1901C

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.

Computer-controlled, High-speed, Belt-loop attaching Sewing System

LK-1902C

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.

Computer-controlled, High-speed, Pattern Sewing System
(Sewing area expansion model)

LK-1905C/IP-510 60mm(W) × 50mm(L)

- The built-in LED marking light for alignment cannot be installed.

This machine is a pattern sewing machine with an expanded sewing area of 60mm (W) × 50mm (L).
It can be used for a wide range of applications including men's and women's clothing, denim, and knitwear.

Sewing area expansion: 60mm (W) × 50mm (L)

It can be used for sewing patterns such as the elastictape connection of the boxer pants, the box sewing of the sleeve spread, and the attach the Velcro.

50mm

60mm
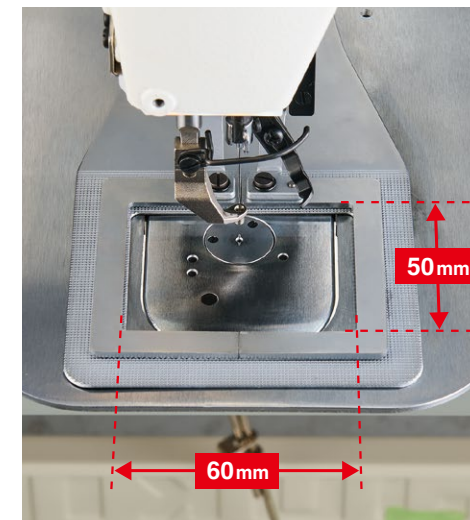
Operation panel provided with programmable functions IP-510 (Selectable)

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. A file name consisting of 12 alphanumeric characters can be set to a piece of pattern data. As a result, It is possible to manage the sewing pattern using the file name. In addition, since the corrective measure is additionally displayed to the error message, easy resetting of the error is enabled. The operation panel is also provided as standard with a USB port. Data management and software update can be carried out with ease using a USB thumb drive.

The memory storage capability of the main body of the sewing machine

Sewing data created with the IP-510 can be stored in the memory of the main body of the sewing machine. The memory storage capacity is 50,000,000 stitches and 999 patterns (max. 50,000 stitches per pattern) at the maximum.

Intermediate presser (Selectable)

The intermediate presser foot prevents the material from flapping and produces beautiful sewn results, making it suitable for sewing processes that require frequent changes in stitch size and shape.

Intermediate presser

LIST OF OPTIONAL DEVICES FOR THE LK-1900C

| No.	Name	Part number	Features	Supported models
①	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
⑤	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
⑪	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
⑮	Core	HN004510000	IP-510A panel cable core (for CE)	All models
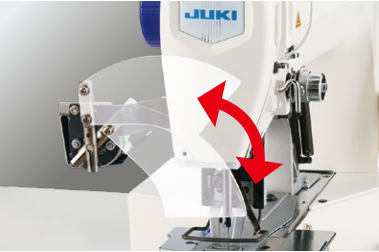
① Movable eye guard kit

② NFC terminal

③ One touch button switching kit
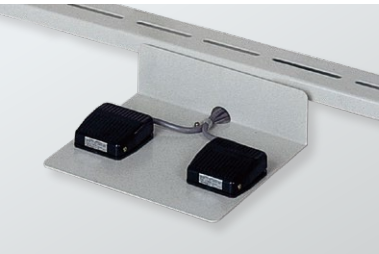
⑥ Pedal for standing work

⑧ PK-57 Pedal for standing work
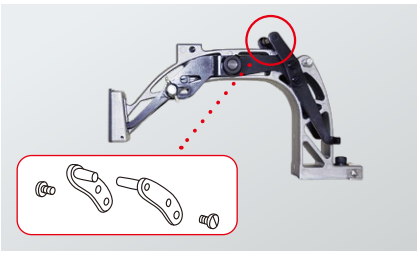
⑩ Simple work clamp kit
* The work clamp cover plates (right and left) are not included in the kit.


⑪ IP-510A panel
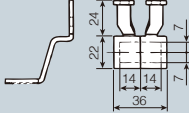
TABLE OF THE WORK CLAMP FOOT
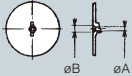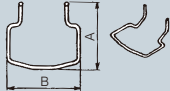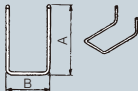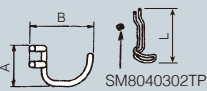
No. of work clamp foot	1	2	3	4	5	6	7	8
Work clamp foot	13518659(asm.)			13548557(asm.)	13542964(asm.)	13548151(asm.)		13542451(asm.)
Feed plate	14116107	14116404 (without knurl)	14116800 (without knurl)	14116305	14116206	13548003	13554803	14116602
Finger guard*	26224204					13548300		13533104
Application code	S	F	F	H	—	S	H	S
S (standard)	Installed on machine head	—	—	—	—	Option	—	Option
H (heavy-weight materials)	—	—	—	Option	—	—	Installed on machine head	—
F (foundation)	—	Option*	Installed on machine head*	—	—	—	—	—
M (knitted materials)	—	—	—	—	Option	—	—	—
W (with large hook, heavy-weight materials)	—	—	—	Option	—	—	Installed on machine head	—
BS (Bird's nest preventing / Shorter-thread remaining functions)	Installed on machine head	—	—	—	—	Option	—	Option
BF (Bird's nest preventing / Shorter-thread remaining functions)	—	Option	Installed on machine head	—	—	—	—	—

No. of work clamp foot	9	10	11	12	13	14	15	16
Work clamp foot	13571955(asm.)		13561360(asm.)	14137509(Right) 14137608(Left)	40021871(Right) 40021872(Left)	40021874(Right) 40021875(Left)	40021877(Right) 40021878(Left)	40021880(Right) 40021881(Left)
Feed plate	14116503 (without knurl)	14116909 (without knurl)	14116701 (without knurl)	14137707 (without knurl)	40021873 (with knurl)	40021876 (with knurl)	40021879 (with knurl)	40021882 (with knurl)
BS (Bird's nest preventing / Shorter-thread remaining functions)					40158195	40158196	40158196	40158196
Finger guard*	13573407				26224204			
Application code	F	F	F	H	S	S	S	S
S (standard)	—	—	—	—	Option	Option	Option	Option
H (heavy-weight materials)	—	—	—	—	—	—	—	—
F (foundation)	Option*	Supplied with machine as accessory*	Option	Option	—	—	—	—
M (knitted materials)	—	—	—	—	—	—	—	—
W (with large hook, heavy-weight materials)	—	—	—	—	—	—	—	—
BS (Bird's nest preventing / Shorter-thread remaining functions)	—	—	—	—	Option	—	Option	Option
BF (Bird's nest preventing / Shorter-thread remaining functions)	Option	Supplied with machine as accessory*	Option	Option	—	—	—	—

★ For the foundation type (F-type) sewing machine **for the European market**, the work clamp foot No. 2 is installed on the machine head and the work clamp foot No. 9 is supplied with the machine as an accessory (packed together) (note that the work clamp feet No. 3 and No. 10 are not supplied with the machine).

＊ Install a finger guard suitable for each work clamp foot when replacing the work clamp foot.

TABLE OF THE OPTIONAL PARTS

Part name	Type		Part No.
Feed plate blank	Without knurl/with plating	Sewing area 20×40	14120109
	With knurl/with plating	Sewing area 20×40	14120307
	Without knurl/stainless steel*	Sewing area 20×40	14120505
	Without knurl/with plating	Sewing area 30×40	40021855
	Without knurl/without plating	Sewing area 30×40	40021856
	Without knurl/stainless steel*	Sewing area 30×40	40021857
	With knurl/with plating	Sewing area 30×40	40021858
t=1.2	With knurl/without plating	Sewing area 30×40	40021859
＊Stainless steel t=0.5			
Work clamp foot face plate (asm.)	Face plate for presser blank		14121263
Presser blank	With knurl/with plating (right)	Sewing area 20×40	14121701
	With knurl/with plating (left)	Sewing area 20×40	14121800
	With knurl/with plating (right)	Sewing area 30×40	40021851
	With knurl/with plating (left)	Sewing area 30×40	40021852
	With knurl/without plating (right)	Sewing area 30×40	40021853
t=3.2	With knurl/without plating (left)	Sewing area 30×40	40021854
Work clamp foot blank	With knurl/with plating (right)		40021869
	With knurl/with plating (left)		40021870
Needle hole guide	A=1.6 B=2.6 With relief slit Standard type		B2426280000
	A=1.6 B=2.0 Without relief slit F type		D2426282C00
	A=2.3 B=4.0 Without relief slit H type and W types		14109607
	A=2.7 B=3.7 Without relief slit for extra heavy-weight material		D2426MMCK00
Finger guard (1)	A=56.5 B=64		13533104
	A=59 B=74 For extra-large bartacking		13548300
Finger guard (2)	A=66.5 B=43 For lengthwise bartacking		13573407
Finger guard (3)	A=21.5 B=35.5 L=58.5 For specially ordered work clamp		14120000
Kit for knit material	Kit parts for converting the machine specifications from the medium-weight materials (S) type to the knit material (M) type		40299251

SPECIFICATIONS

Model name	Bartacking machine				
	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 heavy-weight materials	Bird's nest preventing / Shorter-thread remaining functions
Max. sewing speed	3,300sti/min*			3,000sti/min*	3,200sti/min*
Sewing area	40mm(W)×30mm(L)				
Stitch length	0.1~10mm (0.1mm step)				
Needle bar stroke	41.2mm				
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)
Auto-lifter	Provided as standard (stepping motor type)				
Needle thread tension	Active tension (electronic thread tension control system)				
Needle (at the time of delivery)	DP×5 (#14)	DP×17 (#21)	DP×5 (#11)	DP×17 (#21)	DP×17 (#14)
Hook	Standard hook			1.8 fold-capacity hook	Standard hook
Number of stitches that can be stored in memory	Max. 500,000 stitches				
Number of standard patterns	100 patterns				50 patterns
Number of data that can be input	999 patterns				
Enlarging/Reducing facility	20~200% (1% step), Pattern enlargement/reduction can be done by increasing/decreasing the stitch length				
Memory method	Internal memory				
Bobbin thread counter	Provided as standard (up/down method)				
Marking light	Provided as standard (green LED)				
Lubrication	Hook: minute-quantity lubrication				
Lubricating oil	JUKI New Defrix Oil No.2 (equivalent to ISO VG32)				
Sewing machine motor	550W compact AC servomotor (direct-drive system)				
Power supply / Power consumption	Single-phase 200-240V/230VA, 3-phase 200 -240V/230VA				
Weight	Machine head (Control box, motor, panel) 56.9kg				
Air consumption					6 L/cycle

* sti/min is the abbreviation for "stitches per minute"

Model name	Eyelet buttonhole bartacking machine	Belt-loop attaching machine		Pattern Sewing machine
	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	40mm(W)×30mm(L)			60mm(W)×50mm(L)
Stitch length	0.1~10mm (0.1% step)			
Needle bar stroke	41.2mm			
Lift of the work clamp foot	Standard 14mm (by using the reverse-rotation needle-up function 17mm)			
Auto-lifter	Provided as standard (stepping motor type)			
Needle thread tension	Active tension (electronic thread tension control mechanism)			
Needle (at the time of delivery)	DP×5 (#14)	DP×17 (#21)		DP×5 (#14)
Hook	Standard hook			
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*)	*This device has been factory-set to "invoking prohibited" status at the time of delivery.	100 pattern
Number of data that can be input	999 patterns			
Enlarging/Reducing facility	20~200% (1% step), Pattern enlargement/reduction can be done by increasing/decreasing the stitch length			
Memory method	Internal memory			
Material drawing amount	Max. 3mm			—
Bobbin thread counter	Provided as standard (up/down method)			
Marking light	Provided as standard (green LED)	—		
Lubrication	Hook: minute-quantity lubrication			
Lubricating oil	JUKI New Defrix Oil No.2 (equivalent to ISO VG32)			
Sewing machine motor	550W compact AC servomotor (direct-drive system)			
Power supply / Power consumption	Single-phase 200-240V/230VA, 3-phase 200 -240V/230VA			
Weight	Machine head (Control box, motor, panel) 56.9kg			Machine head (Control box, motor, panel) 58.3kg
Air consumption	—			

* sti/min is the abbreviation for "stitches per minute"