

## LK-1900B Series

Computer-controlled, High-speed, Bartacking Machine

Higher productivity.

Low-noise and low-vibration.



LK-1900B-SS

## LK-1900B Series

The machine is provided with an active tension mechanism which enables the electronic control of "stitching."



LK-1900B-BS

The world's first

## LK-1900BB

Bird's nest preventing /  
Shorter-thread remaining functions

# LK-1900B Series

## Higher productivity.

## Low-noise and

## low-vibration.

### Higher productivity.

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

### 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.

### 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.)

### Many different sewing patterns.

- The machine is provided as standard with 51 different sewing patterns. The machine permits easy changeover of sewing patterns for effortless execution of an inexhaustible range of sewing specifications.  
\*For LK-1900BB, the standard no. of sewing patterns is 50.
- The LK-1900B is also able to sew buttons using the same data used for the LK-1900 (EP-ROM).

### The sewing starting point can be corrected.

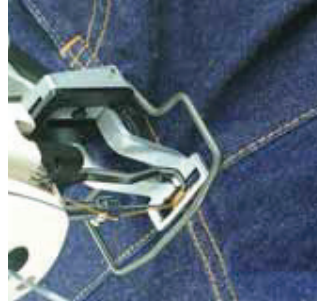
- In cases where the needle entry point for button sewing is to be corrected, the sewing starting point can be corrected without the adjustment of the relevant mechanism.

## Many different models are prepared according to the type of materials.

- The LK-1900B model comes in five different subclass models, such as S type (standard), H type (for heavy-weight materials), F type (for foundation), M type (for knits and knitted materials), W type (with a large shuttle hook for heavy-weight materials) and (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 large shuttle hook, which reduces the frequency of bobbin-thread changing to enable highly efficient sewing work.



S type (Barracking pocket lip of suits)



H type (Barracking crotch of jeans)



F type (Attaching the shoulder straps to brassier)  
\* Presser foot for vertical barracking is supplied with the unit as an accessory.

## 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 17mm. (Standard 14mm)

## 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.

## Eco-friendly power saving

- An encoder is installed in the pulse motor, thereby achieving substantially improved power-consumption saving.

## 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, base stitched part, zigzag stitched part and end of the seam (fastening stitch).
- When the operation panel IP-420U is used in combination with the active tension, the needle thread tension can be set on a stitch-by-stitch basis. This helps eliminate undesired thread tension variations at a multi-layered part of a material or with sewing direction, thereby contributing to upgraded seam quality.

## STANDARD LIQUID CRYSTAL PANEL (NEW)

- Functional settings, such as pattern numbers and needle thread tensions can be established through the operation panel with ease. Distance between holes in a button can be easily changed by means of pattern enlargement/reduction feature.
- Standard sewing patterns can be assigned to pattern keys P1 to P50. Any of the sewing patterns assigned to the P1 to P25 pattern keys can be activated with a touch of the corresponding key. This means that workability is improved by assigning 25 sewing patterns that are most frequently used to those pattern keys.
- As many as 99 different cycle sewing patterns, each of which combines a maximum of 99 different sewing patterns, can be stored in the memory.



M type (Barracking shoulder of running shirt)

Computer-controlled, High-speed, Bartacking Machine with bird's nest preventing / shorter-thread remaining functions

# LK-1900BB

The world's first

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 bartacking sections where directly contact skin such as brassieres and tank tops.



LK-1900B-BS

**The sewing machine eliminates so-called "bird's nests" (thread tangling in on the wrong side of the material at the beginning of sewing).**

- The thread is retained at the beginning of sewing and any excess thread is trimmed during sewing. As a result, the length of thread sewn in the seam is shortened, thereby achieving high-quality sewing performance while preventing thread from tangling in on the wrong side of the material.

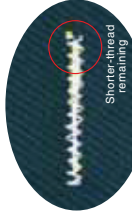
**Length of thread remaining on the material at the end of sewing has been reduced to 2 mm or less\*.**

- The newly-developed shorter-thread remaining mechanism trims the thread shorter after the regular thread trimming operation. Additionally, thread waste produced by thread trimming is withdrawn by suction. Thanks to this mechanism, the trouble of manual thread nipping is avoided.

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



Bird's nest preventing / Shorter-thread remaining functions



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

**The machine achieves sewing speed of 3,200st/min. The machine's thread-trimming etc. have been increased to significantly shorten total cycle time.**

- The machine is highly productive and provided as standard with 51 different sewing patterns. This is an excellent high speed computer-controlled bartack machine which enables to register as many as 99 cycles of which each cycle can contain 99 sewing patterns as well as good responsiveness to various sewing patterns.



LK-1900B-SS

Computer-controlled, High-speed Bartacking Machine for Eyelet Buttonholes

# LK-1901B



LK-1901B-SS

**The machine ensures high-quality bartacks on eyelet buttonholes.**

- The machine is provided with a material-drawing mechanism which draws the right and left parallel portions of an eyelet buttonhole near to one another.
- The machine performs bartacking with the right and left parallel portions of the eyelet buttonhole drawn near to one another after the buttonhole is clamped under the work clamp foot, thereby finishing highly durable and well-tensed eyelet buttonholes.
- **The sewing pattern best suited to the sewing product to be bartacked can be selected by single-key operation.**
- Three different sewing patterns are prepared to enable easy switchover of sewing sizes. If the sewing patterns are assigned to the pattern keys on the operation panel, the sewing patterns can be called up or changed with single-key operation.
- The machine sews the most optimally suited bartacks on eyelet buttonholes on the front bodies of garments and straight buttonholes that differ in stitch number and size on jacket lapels, thereby improving the finished quality of sewing products.

**The material drawing mechanism can be switched to ON/OFF.**

- The material drawing amount can be adjusted to 3mm at maximum. The material drawing mechanism can be switched ON/OFF in accordance with the setting of the memory switch. With these features, the material drawing mechanism can be used with greater flexibility.

Computer-controlled, High-speed Belt-loop-attaching Machine

# LK-1902B



LK-1902B-SS

**The sewing pattern best suited to the sewing product to be bartacked can be selected by single-key operation.**

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

**The machine head has been designed with an emphasis on operability.**

- With its broadly curved feed bracket (presser arm), the machine permits easy placement of the material to be sewn. The slimly shaped bed and head design that allows free space under the arm demonstrates greater operability in handling materials on the machine and continuous processes. These features contribute substantially to increased productivity in belt-loop attachment processes.

■ **WORK CLAMP FOOT AND FEED PLATE FOR LK-1902B**  
(for belt-loop attaching)

Provided as standard	Work clamp foot	Feed plate	Number of pattern
LK-1902B-SS	135-44465	14143002	17 18
LK-1902B-HS	135-45660	13544504	19 20 21
Option	135-47161	13544801	22
For large size	135-47162	13547005	22
Option	For extra large size		

\*A finger guard is included in the presser foot.

# TABLE OF THE STANDARD PATTERNS

No.	Stitch diagram	Number of stitches	Sewing size (mm)		No. of work clamp foot (Note 2)
			Length-wise	Cross-wise	
1 (51)		28	2.0	16	1
			2.0	10	2
			2.0	10	3
2		42	2.5	16	1
			2.5	16	4
			3.0	24	6
3*		28	2.0	10	1
			2.0	10	2
			2.0	10	3
4*		28	2.5	16	1
			2.5	16	4
			3.0	24	6
5		28	2.0	10	1
			2.0	10	2
			2.0	10	3
6*		28	2.5	16	1
			2.5	16	4
			3.0	24	6
7		36	2.0	10	1
			2.0	10	2
			2.0	10	3
8*		36	2.5	16	1
			2.5	16	4
			3.0	24	6
9*		56	3.0	24	6
			3.0	24	7
			3.0	24	7
10*		64	3.0	24	6
			3.0	24	7
			3.0	24	7
11		21	2.5	6	
			2.5	6	
			2.5	6	
12		28	2.5	6	8
			2.5	6	
			2.5	6	
13		36	2.5	6	
			2.5	6	
			2.5	6	
14		14	2.0	8	
			2.0	8	
			2.0	8	
15		21	2.0	8	5
			2.0	8	
			2.0	8	
16		28	2.0	8	
			2.0	8	
			2.0	8	

No.	Stitch diagram	Number of stitches	Sewing size (mm)		No. of work clamp foot (Note 2)
			Length-wise	Cross-wise	
17		21	0	10	1
			0	10	2
			0	10	3
18		28	0	10	1
			0	10	2
			0	10	3
19		36	0	25	6
			0	25	7
			0	25	7
20		41	0	25	6
			0	25	7
			0	25	7
21		44	0	35	(Note 3)
			0	35	
			0	35	
22		28	20	4.0	
			20	4.0	
			20	4.0	
23		36	20	4.0	9, 10
			20	4.0	
			20	4.0	
24		42	20	4.0	
			20	4.0	
			20	4.0	
25		56	20	4.0	
			20	4.0	
			20	4.0	
26		18	20	0	
			20	0	
			20	0	
27		21	10	0	
			10	0	
			10	0	
28		28	20	0	
			20	0	
			20	0	
29		28	20	0	
			20	0	
			20	0	
30		28	20	0	
			20	0	
			20	0	

(Note) 1. Sewing size shows the dimensions when the scale rate is 100%.  
 2. Refer the No. of work clamp foot to the separate table of work clamp foot.  
 3. For No. 22, modify the work clamp foot blank for use.  
 4. Use the patterns with the marks for sewing denim.  
 5. For LK-1900BB, the pattern No. 51 is not selectable.  
 6. For LK-1900BB, the pattern No. 51 is not selectable.

No.	Stitch diagram	Number of stitches	Sewing size (mm)		No. of work clamp foot (Note 2)
			Length-wise	Cross-wise	
31		52	7	10	13
			7	10	13
			7	10	13
32		63	7	12	13
			7	12	13
			7	12	13
33		24	6	10	13
			6	10	13
			6	10	13
34		31	6	12	13
			6	12	13
			6	12	13
35		48	10	7	14
			10	7	14
			10	7	14
36		48	10	7	14
			10	7	14
			10	7	14
37		90	3	24	6
			3	24	7
			3	24	7
38		28	2	8	5
			2	8	5
			2	8	5
39		28	ø12		16
			ø12		16
			ø12		16
40		48	ø12		16
			ø12		16
			ø12		16

No.	Stitch diagram	Number of stitches	Sewing size (mm)		No. of work clamp foot (Note 2)
			Length-wise	Cross-wise	
41		29	20	2.5	
			20	2.5	
			20	2.5	
42		39	25	2.5	
			25	2.5	
			25	2.5	
43		45	25	2.5	
			25	2.5	
			25	2.5	
44		58	30	2.5	12
			30	2.5	12
			30	2.5	12
45		75	30	2.5	
			30	2.5	
			30	2.5	
46		42	30	2.5	
			30	2.5	
			30	2.5	
47		91			
48		99			
49		148			
50		164			

# 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.)	13548151(asm.)	13548003	13548003	13548151(asm.)	13548003	13542451(asm.)
	14116107	14116404	14116800	14116305	14116206	14116305	13554803	14116602
Feed plate	14116107	14116404	14116800	14116305	14116206	14116305	13554803	14116602
	14116107	14116404	14116800	14116305	14116206	14116305	13554803	14116602
Finger guard*	26224204							
Application code	S	F	F	H	M	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 (vented materials)	—	—	—	—	Installed on machine head	—	—	—
W (with large hook heavy-weight materials)	—	—	—	—	—	Option	Installed on machine head	—
ES (Burr-free power) (Burr-free head)	Installed on machine head	—	—	—	—	—	—	—
BF (Burr-free power) (Burr-free head)	—	Option	Installed on machine head	—	—	—	—	Option

No. of work clamp foot	9	10	11	12	13	14	15	16
Work clamp foot	13571955(asm.)	14116909	14116701	14137707	40021871	40021875	40021879	40021880
	14116503	14116909	14116701	14137707	40021871	40021875	40021879	40021880
Feed plate	14116503	14116909	14116701	14137707	40021871	40021875	40021879	40021880
	14116503	14116909	14116701	14137707	40021871	40021875	40021879	40021880
Finger guard*	14135305							
Application code	F	F	F	H	S	S	S	S
S (standard)	—	—	—	—	Option	Option	Option	Option
H (heavy-weight) materials	—	—	—	Option	—	—	—	—
F (foundation)	Option*	Supplied with machine as accessory*	Option	—	—	—	—	—
M (vented materials)	—	—	—	—	—	—	—	—
W (with large hook heavy-weight materials)	—	—	—	—	—	—	—	—
ES (Burr-free power) (Burr-free head)	—	—	—	—	—	—	—	—
BF (Burr-free power) (Burr-free head)	Option	Supplied with machine as accessory*	Option	Option	Option	Option	Option	Option

\* For the foundation type (F-type) sewing machines, 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 foot 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.

# OPTION

## Simple work clamp kit

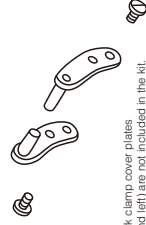
Conventionally, the front plate has to be removed to change the work clamp. With the new work clamp kit, the work clamp can be changed without removing the plate.



- The lever for lifting the work clamp can be independently slid back and forth.
- The machine parts can be adjusted and replaced entirely by hand without screwdrivers or other tools. Changing parts is now a "clean-hands" procedure.



Simple work clamp kit Part No.: 40057279



\* The work clamp cover plates (right and left) are not included in the kit.

## Foot pedal for standing work (optional)



● 2-pedal unit for standing work\*

[Part No. M85205800A0]

\* To connect the cable asm. to the electrical box, conversion cable (separately available) is necessary.

● Pedal switch conversion cable asm.

[Part No. M90125900A0]



● PK-57\*

[Part No. GPK570010B0]

\* To connect the cable asm. to the electrical box, conversion cable (separately available) is necessary.

● Pedal switch conversion cable asm.

[Part No. M90135900A0]

## IP-420U Operation panel provided with programmable functions



The IP-420U is a new operation panel configured with a "input function" not available in standard panel.

- Input and edit data while observing the needle-entry points visually.
- The operator can easily check the shape of the pattern displayed on the wide liquid crystal panel.
- Make minor adjustments to data quickly and efficiently. Overall use is easier than ever before.
- The memory storage capability of the main body of the sewing machine has been dramatically enhanced. Now the USB-ready main body of the sewing machine uses many different kinds of media. In addition to the Compact Flash card, the main body of the sewing machine is provided as standard with a USB connector. Now, data can be input/output from various kinds of media (SD (Secure Digital Card), CF (Compact Flash), SW (Smart Media), FD (floppy disks) etc.) by means of a USB thumb device and a card reader.

## for the LK-1900B Series

## TABLE OF THE OPTIONAL PARTS

Part name	Type	Part No.
Feed plate blank	Without knurl/with plating	14120109
	With knurl/with plating	14120307
Work clamp foot face plate (asm.)	Without knurl/stainless steel*	14120505
	Without knurl/with plating	40021855
	Without knurl/without plating	40021856
	Without knurl/stainless steel*	40021857
	With knurl/with plating	40021858
	With knurl/without plating	40021859
Work clamp foot blank	Face plate for presser blank	14121263
Presser blank	With knurl/with plating (right)	14121701
	With knurl/with plating (left)	14121800
Work clamp foot blank	With knurl/with plating (right)	40021851
	With knurl/with plating (left)	40021852
	With knurl/without plating (right)	40021853
	With knurl/without plating (left)	40021854
Needle hole guide	With knurl/with plating (right)	40021869
	With knurl/with plating (left)	40021870
Finger guard (1)	A=1.6 B=2.6 With relief slit Standard type	B2426280000
	A=1.6 B=2.0 Without relief slit F and M types	D2426282C00
	A=2.3 B=4.0 Without relief slit for heavy-weight material	14109607
	A=2.7 B=3.7 Without relief slit for extra heavy-weight material	D2426MMCK00
Finger guard (2)	A=56.5 B=64	13533104
	A=59 B=74 For extra-large bartacking	13548300
Finger guard (3)	A=66.5 B=43 For lengthwise bartacking	13573407
	A=21.5 B=35.5 L=67 For lengthwise bartacking	14135305
Finger guard (4)	A=21.5 B=35.5 L=58.5 For specially ordered work clamp	14120000

Part name	Type	Part No.
Silicon oil pipe	The silicon oil pipe are the parts which cool the heat of a needle.	
	Silicon oil pipe	40040910
	Rubber plug	TA1050504R0
	Oil felt	13501705
	Silicon oil thread guide	B1127280000
	Screw 11/64 - 40 L5	SS4110515SP
	Silicon oil pouring hole	13501408

## SPECIFICATIONS

Model name	LK-1900B-SS	LK-1900B-HS	LK-1900B-FS	LK-1900B-MS	LK-1900B-WS
Application	Standard	For heavy-weight materials	For foundation	For knits and knitted materials	With large hook for heavy-weight materials
Max. sewing speed	Standard	3,200stl/min <sup>*</sup>	3,200stl/min <sup>*</sup>	3,000stl/min <sup>*</sup>	2,700stl/min <sup>*</sup>
Sewing area		30mm (L) x 40mm (W)	30mm (L) x 40mm (W)	30mm (L) x 40mm (W)	With large hook for heavy-weight materials
Stitch length		0.1~10mm (0.1mm step)	0.1~10mm (0.1mm step)	0.1~10mm (0.1mm step)	2,700stl/min <sup>*</sup>
Needle bar stroke		41.2mm	41.2mm	41.2mm	
Lift of the work clamp foot		Standard 14mm (17mm when the reverse-rotation needle-up function)	Standard 14mm (17mm when the reverse-rotation needle-up function)	Standard 14mm (17mm when the reverse-rotation needle-up function)	
Auto-lifter		Provided as standard (stepping motor type)	Provided as standard (stepping motor type)	Provided as standard (stepping motor type)	
Needle thread tension		Active tension (electronic thread tension control system)	Active tension (electronic thread tension control system)	Active tension (electronic thread tension control system)	
Needle (at the time of delivery)	DP-x5 (#14)	DP-x17 (#21)	DP-x5 (#11)	DP-x5 (#11)	DP-x17 (#21)
Hook		Standard shuttle hook	Standard shuttle hook	Standard shuttle hook	Large shuttle hook
Number of stitches that can be stored in memory		Max. 20,000 stitches	Max. 20,000 stitches	Max. 20,000 stitches	
Number of standard patterns		51 patterns	51 patterns	51 patterns	
Number of data that can be input		200 patterns (for up to 150 patterns, sewing data can be added.)	200 patterns (for up to 150 patterns, sewing data can be added.)	200 patterns (for up to 150 patterns, sewing data can be added.)	
Enlarging/Reducing facility		20~200% (1% step). Pattern enlargement/reduction can be done by increasing/decreasing the stitch length	20~200% (1% step). Pattern enlargement/reduction can be done by increasing/decreasing the stitch length	20~200% (1% step). Pattern enlargement/reduction can be done by increasing/decreasing the stitch length	
Memory method		Internal-organs memory	Internal-organs memory	Internal-organs memory	
Bobbin thread counter		Provided as standard (up/down method)	Provided as standard (up/down method)	Provided as standard (up/down method)	
Lubrication		Hook: minute-quantity lubrication	Hook: minute-quantity lubrication	Hook: minute-quantity lubrication	
Lubricating oil		JUKI New Defrix Oil No.2 (equivalent to ISO VG32)	JUKI New Defrix Oil No.2 (equivalent to ISO VG32)	JUKI New Defrix Oil No.2 (equivalent to ISO VG32)	
Sewing machine motor		450W compact AC servomotor (direct-drive system)	450W compact AC servomotor (direct-drive system)	450W compact AC servomotor (direct-drive system)	
Power consumption		250VA	250VA	250VA	
Weight		Machine head (include motor) 42kg, Control box 5.6kg	Machine head (include motor) 42kg, Control box 5.6kg	Machine head (include motor) 42kg, Control box 5.6kg	

Model name	Bird's nest preventing / Shorter-thread remaining functions		Eyelet buttonhole bartacking machine	Belt-loop attaching machine
	LK-1900B-BS	LK-1900B-BF		
Application	Standard	For foundation	Standard	Standard
Max. sewing speed	3,200stl/min <sup>*</sup>	3,200stl/min <sup>*</sup>	3,000stl/min <sup>*</sup>	3,000stl/min <sup>*</sup>
Sewing area	30mm (L) x 40mm (W)	30mm (L) x 40mm (W)	30mm (L) x 40mm (W)	30mm (L) x 40mm (W)
Stitch length	0.1~10mm (0.1mm step)	0.1~10mm (0.1mm step)	0.1~10mm	0.1~10mm
Needle bar stroke	41.2mm	41.2mm	41.2mm	41.2mm
Lift of the work clamp foot	Standard 11mm (by using the reverse-rotation needle-up function 14mm)	Standard 11mm (by using the reverse-rotation needle-up function 14mm)	Standard 14mm (by using the reverse-rotation needle-up function 17mm)	Standard 14mm (by using the reverse-rotation needle-up function 17mm)
Auto-lifter	Provided as standard (stepping motor type)	Provided as standard (stepping motor type)	Provided as standard (stepping motor type)	Provided as standard (stepping motor type)
Needle thread tension	Active tension (electronic thread tension control system)	Active tension (electronic thread tension control system)	Active tension (electronic thread tension control mechanism)	Active tension (electronic thread tension control mechanism)
Needle (at the time of delivery)	DP-x17 (#14)	DP-x17 (#11)	DP-x5 (#14)	DP-x5 (#14)
Hook	Standard shuttle hook	Standard shuttle hook	Standard shuttle hook	Standard shuttle hook
Number of stitches that can be stored in memory	Max. 20,000 stitches	Max. 20,000 stitches	Max. 20,000 stitches	Max. 20,000 stitches
Applicable pattern number	50 patterns	50 patterns	17, 18 (19, 20, 21, 22 <sup>*</sup> )	17, 18 (19, 20, 21, 22 <sup>*</sup> )
Number of data that can be input	200 patterns (for up to 150 patterns, sewing data can be added.)	200 patterns (for up to 150 patterns, sewing data can be added.)	200 patterns (for up to 150 patterns, sewing data can be added.)	200 patterns (for up to 150 patterns, sewing data can be added.)
Enlarging/Reducing facility	20~200% (1% step). Pattern enlargement/reduction can be done by increasing/decreasing the stitch length	20~200% (1% step). Pattern enlargement/reduction can be done by increasing/decreasing the stitch length	20~200% (1% step). Pattern enlargement/reduction can be done by increasing/decreasing the stitch length	20~200% (1% step). Pattern enlargement/reduction can be done by increasing/decreasing the stitch length
Memory method	Internal-organs memory	Internal-organs memory	Internal-organs memory	Internal-organs memory
Material drawing amount			Max. 3mm	Max. 3mm
Bobbin thread counter	Provided as standard (up/down method)	Provided as standard (up/down method)	Provided as standard (up/down method)	Provided as standard (up/down method)
Lubrication	Hook: minute-quantity lubrication	Hook: minute-quantity lubrication	Hook: minute-quantity lubrication	Hook: minute-quantity lubrication
Lubricating oil	JUKI New Defrix Oil No.2 (equivalent to ISO VG32)	JUKI New Defrix Oil No.2 (equivalent to ISO VG32)	JUKI New Defrix Oil No.2 (equivalent to ISO VG32)	JUKI New Defrix Oil No.2 (equivalent to ISO VG32)
Sewing machine motor	450W compact AC servomotor (direct-drive system)	450W compact AC servomotor (direct-drive system)	450W compact AC servomotor (direct-drive system)	450W compact AC servomotor (direct-drive system)
Power consumption	250VA	250VA	250VA	250VA
Weight	Machine head (include motor) 42kg, Control box 5.6kg	Machine head (include motor) 42kg, Control box 5.6kg	Machine head (include motor) 42kg, Control box 5.6kg	Machine head (include motor) 42kg, Control box 5.6kg
Air consumption	6 L/cycle	6 L/cycle	—	—

\* 1/10min stands for "Stitches per Minute"  
 \*\* CompactFlash™ or CF A 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.

# WHEN YOU PLACE ORDERS

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

## Machine head

### Bartacking

**LK1900B**   **000**

Application	Code	Work clamp foot	Code	Attachment	Code
Standard	S	Standard	S	Not provided	000
For heavy-weight materials	H	For foundation	F		
For foundation	F	*For foundation "F" type can be selected only sewing spec:"B" type.			
For knits and knitted materials	M				
With large hook for heavy-weight materials	W				
Bird's nest preventing / Shorter-thread remaining functions	B				

## Control box

Head type	Code
Standard	0
Bird's nest preventing / Shorter-thread remaining functions	2

**MC67**

Power supply	Code	Operation panel	Code
3-phase	200~240V	Standard panel	SS
Single-phase	200~240V	Option panel	IP420U
	CE 200~240V (not provided with power switch)		

### Eyelet buttonhole bartacking

**LK1901BSS000**

Application	Code	Work clamp foot	Code	Attachment	Code
Standard	S	Standard	S	Not provided	000

### Belt-loop attaching

**LK1902B**  **S000**

Application	Code	Work clamp foot	Code	Attachment	Code
Standard	S	Standard	S	Not provided	000
For heavy-weight materials	H				

● To order, please contact your nearest JUKI distributor.

<b>JUKI ECO PRODUCTS</b>	<p>The LK-1900B Series is an eco-friendly product which complies with JUKI ECO PRODUCTS standards for protecting the environment</p> <ul style="list-style-type: none"> <li>● The sewing machine complies with the "Juki Group Green Procurement Guidelines" on the use of hazardous substances, which is stricter than other restrictions, such as those of the RoHS Directive.</li> <li>● This sewing machine reduces power consumption by 15% as compared with the conventional models.</li> </ul> <p>For details of JUKI ECO PRODUCTS, refer to: <a href="http://www.juki.co.jp/eco_e/index.html">http://www.juki.co.jp/eco_e/index.html</a></p> <p><small>*The RoHS Directive is an EU Directive limiting the use of 6 hazardous substances (lead, hexavalent chromium, mercury, cadmium, PBB and PBDE) in electrical and electronic equipment. The Juki Green Procurement Guideline is the voluntarily established criteria to eliminate not only the aforementioned six substances, but also other ones which also adversely affect the environment.</small></p>
--------------------------	---

**JUKI**  
**JUKI CORPORATION**  
**SEWING MACHINERY BUSINESS UNIT**

2-11-1, TSURUMAKI, TAMA-SHI,  
 TOKYO 206-8551, JAPAN  
 PHONE : (81) 42-357-2254  
 FAX : (81) 42-357-2274  
<http://www.juki.com>

\* Specifications and appearance are subject to change without prior notice for improvement.  
 \* Read the instruction manual before putting the machine into service to ensure safety.  
 \* This catalogue prints with environment-friendly soyink on recycle paper.



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