

**JUKI**

# LK-1903B Series

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



Higher productivity.

Excellent seam quality.



# LK-1903B Series

The active tension mechanism is provided  
with the machine as standard.



# SPECIFICATIONS

Model name	LK-1903B
Max. sewing speed	2,700sti/min*
Button size	Type : Round-shaped, flat button Size : φ8~φ32mm (standard φ8~φ20mm)
Stitch length	0.1~10mm (0.1mm step)
Needle bar stroke	45.7mm
Lift of the work clamp foot	Max. 13mm
Auto-lifter	Provided as standard (stepping motor type)
Needle thread tension	Active tension (electronic thread tension control system)
Needle (at the time of delivery)	DPx17(#14)
Hook	Standard shuttle hook
Number of stitches that can be stored in memory	Max. 20,000 stitches
Number of standard patterns	50 patterns
Number of data that can be input	200 patterns (for up to 150 patterns, sewing data can be added.)
Enlarging/Reducing facility	20~200%(1% step), Pattern enlargement/reduction can be done by increasing/decreasing the stitch length
Memory method	Internal-organs memory
Bobbin thread counter	Provided as standard (up/down method)
Lubrication	Hook: minute-quantity lubrication
Lubricating oil	JUKI New Defrix Oil No.2 (equivalent to ISO VG32)
Sewing machine motor	Compact AC servomotor (direct-drive system)
Power consumption	250VA
Weight	Machine head (include motor) 42kg, Control box 5.6kg

\* "sti/min" stands for "Stitches per Minute"

\* 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.

## WHEN YOU PLACE ORDERS

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

Machine head

**LK1903BSS□□□**

Application	Code	Work clamp foot	Code	Button clamp jaw lever	Code
Standard	S	Standard	S	For extra-small, small button	301
				For medium-size button	302

Control box

**MC670□□□□□□**

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

To order, please contact your nearest JUKI distributor.

<b>JUKI ECO PRODUCTS</b>	The LK-1903B Series is an eco-friendly product which complies with JUKI ECO PRODUCTS standards for protecting the environment
	<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>*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.</p>



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



### JUKI CORPORATION HEAD OFFICE

Juki Corporation operates an environmental management system to promote and conduct the following as the company engages in the research, development, design, sales, distribution, and maintenance of industrial sewing machines, household sewing machines, industrial robots, etc., and the provision of sales and maintenance services for data entry systems:

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