

Computer-controlled, Lockstitch, Button Sewing Machine

ACF-164-1903



The machine is more productive and accurate than any of its predecessors. It responds more flexibly than ever before to the sewing of buttons on ladies' wear, finished products, and long-sized garments.

HIGHER PRODUCTIVITY

- The machine incorporates a high-speed machine head that offers a maximum sewing speed of 2,300 rpm and a button feeder with higher button-supplying capacity for increased productivity.

THE MACHINE IS PROVIDED WITH A HIGH-SPEED, COMPUTER-CONTROLLED, LOCKSTITCH, BUTTON SEWING MACHINE HEAD.

- Since the machine does not have a stop-motion mechanism, it requires no maintenance and offers a quiet work environment.
- Fastening stitches at the end of sewing ensures upgraded seam quality while preventing the thread from fraying.
- The machine is provided as standard with 29 different sewing patterns. This allows the machine to easily respond to many different sewing specifications.

HIGHER FLEXIBILITY

- The machine can sew buttons on ladies' wear by changing the operation mode. In addition, with the use of optional attachments, it can also sew buttons on finished garments and long-sized garment.
- Various options are available to further improve workability.

HIGH-PERFORMANCE INDEXER MECHANISM

- The stepping motor controls the material feed in increments of 0.1 mm to ensure accurate button sewing at all times.
- One to 20 buttons can be sewn on every garment. Twenty patterns can be stored in memory.
- The machine is equipped as standard with a stacker that can accurately stack a great many garments.

■ OPTIONS

● Auxiliary feed plate (Part No.: G5510-164-0A0)

This part feeds heavy sewing products such as finished garments with great reliability.

● Second work clamp (Part No.: G5514-164-0A0)

This part is effective when sewing slippery materials. It clamps the stacked materials at all times.

● Clamp for light-weight materials (Part No.: G5508-164-0A0)

This part clamps easy-to-slack materials such as light cottons and silks to ensure reliable feeding.

● Auxiliary clamp (Part No.: G5501-164-0A0)

The auxiliary clamp prevents long-sized sewing products from slacking in the direction of feed.

● Auxiliary clamp for the 1st button with shorter distance (Part No.: G5509-164-000)


This clamp is used when there is only a short distance between the top of the garment body and the first button (40 mm or less).
(Applicable distance: 20 to 140 mm)

● Cloth suction device: MC16

*Specify at the time of order where necessary.

The cloth suction device consistently feeds front facings that are not pressed, that are not topstitched, or that have a crease.

■ WHEN YOU PLACE ORDERS

ACF-164-1903 

Power supply			Code	Options		Code
For General Export	Single-phase	220V	D	Not provided	Z	
		240V	E	Cloth suction device (MC16)*	E	
For North America	3-phase	200V,220V,240V	Q	*Other options are separately available.		
		380V,415V,440V	T			
For Germany	3-phase	220V	K			
For England		380V	L			
		415V	M			

■ SPECIFICATIONS

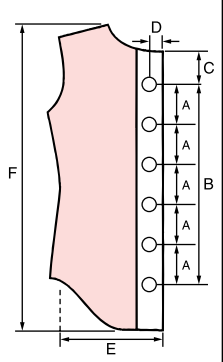
Machine head	LK-1903/BR26
Stitch system	Lockstitch
Sewing speed	Max. 2,300rpm (Normal: 2,000rpm)
Needle	DP x 17 #14 (Standard)
Number of button to be sewn	1 ~ 20pcs.
Number of patterns that can be stored in memory	20 patterns
Power consumption	600VA
Compressed air	0.5MPa {5kgf/cm ² }
Air consumption	20Nℓ/min
Dimensions	1,860mm(W) x 970mm(D) x 920mm(H)
Total weight	270kg

■ BUTTON CARRIER

Configuration of button carrier							
● For 4-holed buttons				● For 2-holed buttons			
Distance A (mm) : Distance between holes in button		Distance B (mm) : Diameter of set pin		Part No.	Code		
Distance A (mm) : Distance between holes in button		Distance B (mm) : Diameter of set pin		Part No.	Code		
Standard							
2.6	1.0	165-57902	A	3.2	1.2	165-58009	B
Optional							
2.0	1.0	165-90507	Q	2.0	1.0	165-87305	E
2.2	1.0	165-90606	R	2.2	1.0	165-87404	F
2.4	1.0	165-88501	S	2.4	1.0	165-87503	G
2.4	1.2	165-88600	T	2.4	1.2	165-87909	L
2.6	1.2	165-88709	U	2.6	1.0	165-87602	H
2.8	1.2	165-88808	V	2.6	1.2	165-88006	M
3.0	1.2	165-88907	W	2.8	1.0	165-87701	J
3.0	1.5	165-89806	F1	2.8	1.2	165-88105	N
3.1	1.0	165-87206	D	3.0	1.0	165-87800	K
3.1	1.2	165-89004	X	3.0	1.2	165-88204	P
3.1	1.4	165-89202	Z	3.8	1.2	165-87107	C
3.2	Taper	165-89905	G1				
3.6	1.2	165-90705	H1	2.8*	1.0	182-13603	J1
4.0	1.2	165-89707	E1				

* For vertical 2-hole buttons

■ APPLICATIONS SIZE OF CLOTH

	Dimension A Feeding intervals	25 ~ 650mm (0.1mm steps)*
	Dimension B Total feeding amount	Standard: 650mm (Optional size: Max. 1,200mm)
	Dimension C Distance from the top end of the garment body to the first button hole	Standard: 40 ~ 140mm (Optional size: Min. 20mm)
	Dimension D Distance from the side end of the garment body to the button hole	12 ~ 25mm
	Dimension E Applicable size of the garment to be sewn	Width 220 ~ 420mm
	Dimension F Applicable size of the garment to be sewn	400 ~ 880mm

* Button intervals can be respectively changed as desired.

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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.