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brother®

ELECTRONIC LOCKSTITCH BUTTON
SEWER WITH BUTTON FEEDER

BAS-016B

One-touch changing of sewing patterns makes button-attaching operations easy.



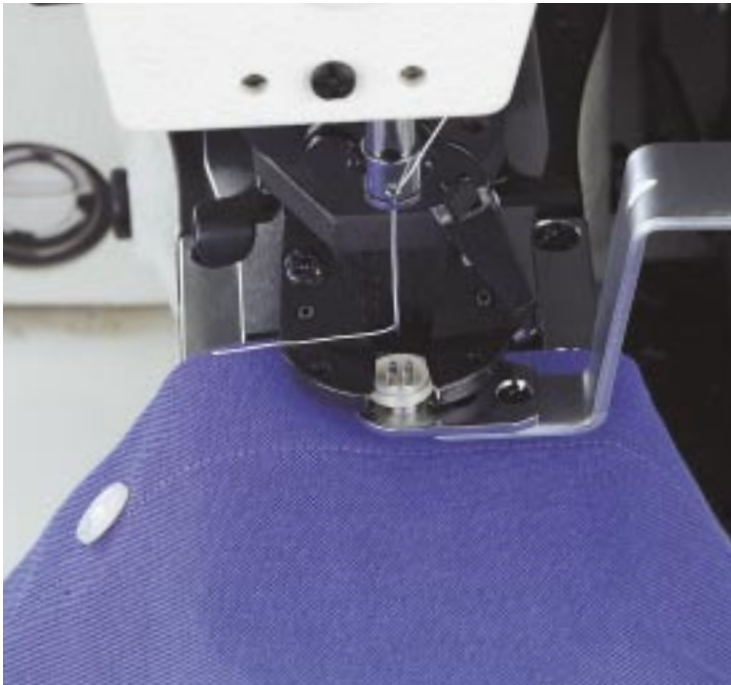
BAS-016B

ELECTRONIC LOCKSTITCH BUTTON SEWER WITH BUTTON FEEDER

AUTOMATISCHE KNOPFZUFUHR PASSEND FÜR ELEKTRONISCHE STEPPSTICH-KNOPFNÄHMASCHINE

DISTRIBUTEUR AUTOMATIQUE DE BOUTONS POUR MACHINE ELECTRONIQUE POSE-BOUTONS-POINT NOUE

MAQUINA DE BOTONES CORTAHILOS ELECTRONICA CON ALIMENTADOR DE BOTONES



Fixation des boutonnières plus facile grâce au changement des motifs par pression unique sur une touche

Les boutons sont placés dans une cuvette vibrante et sont entraînés automatiquement jusqu'à la position de couture. Avec cette machine très performante, il est désormais inutile de placer manuellement les boutons un par un.

Bien sûr, la tête de machine utilisée est un dispositif à point noué électronique. La sélection du motif de couture, l'agrandissement et la réduction du motif peuvent être effectués par simple pression sur une touche, et les réglages peuvent ainsi être effectués beaucoup plus rapidement. En outre, la facilité d'utilisation de cette machine simplifie considérablement les manipulations et rend le travail beaucoup plus aisé à l'opérateur.

Cambio de un toque de patrones de costura que facilita la colocación de botones.

Los botones se encuentran dentro de un recipiente que vibra y son llevados automáticamente en la posición de costura. Esta máquina altamente eficiente elimina la necesidad de colocar manualmente los botones uno a uno.

La cabeza de la máquina usada es una máquina de coser doble respunte electrónica. La selección del patrón de costura y el aumento o reducción del patrón se puede realizar de un solo toque, no siendo necesario ningún ajuste que le haga perder tiempo. Además, la facilidad de uso de esta máquina de coser vuelve más fácil todo el trabajo con la máquina de manera que reduce la carga del operario.

One-touch changing of sewing patterns makes button-attaching operations easy.

The buttons are placed inside a vibrating bowl and are supplied automatically to the sewing position. This highly-efficient machine eliminates the need to manually position the buttons one by one.

The machine head used is of course an electronic lock stitcher. Selection of the sewing pattern and enlargement and reduction of the pattern can be carried out at a single touch, making time-consuming adjustment no longer necessary. Furthermore, the easy use of this sewing machine makes overall handling much simpler, so that operator fatigue is greatly reduced.

Durch das einfache Umschalten des Nähmusters wird das Knopfannähen stark vereinfacht.

Die Knöpfe werden aus der Vibrationsschale automatisch in die richtige Nähposition zugeführt. Ein manuelles Platzieren der Knöpfe erübrigt sich vollständig.

Als Maschinenoberteil wird eine elektronische Steppstichnähmaschine verwendet. Die Wahl des Nähmusters und das Vergrößern bzw. Verkleinern des Musters ist mit einfachem Tastendruck möglich, zeitraubende Einstellungen sind unnötig. Der Bedienungskomfort dieser Maschine wurde zur Entlastung des Bedienungspersonals wesentlich verbessert.



Rapid response to changes in sewing patterns

Rasches Ansprechen auf eingegebene Nähmusteränderungen

Réponse rapide pour les changements de motifs de couture

Respuesta rápida para los cambios de patrones de costura

- 49 different built-in programs are available, and each pattern can be selected with a single touch of a switch on the control panel. The wide variety of available patterns can be used to sew 2-hole, 3-hole and 4-hole buttons with or without cross-over stitches.

LIST OF PRE-PROGRAMMED PATTERNS

Program No.	No. of button holes	Sewing pattern	No. of threads	No. of crossover stitches	No. of stitches	Size X-Y mm		
1	2		6	—	13	3.4X0		
2			8	—	15			
3			10	—	17			
4			12	—	19			
5 ^{※1}			16	—	23			
6 ^{※1}			20	—	27			
7 ^{※2}			6	—	13			
23 ^{※2}	3		10	—	17	0X3.4		
8 ^{※2}			12	—	19			
9 ^{※2}			5-5-5	—	22			
24 ^{※2}	4		7-7-7	—	28	2.6X2.4		
25 ^{※2}			5-5-5	—	22			
26 ^{※2}			7-7-7	—	28			
10 ^{※2}			4		6-6		1	20
11 ^{※2}	8-8	1			24			
12 ^{※2}	8-8	3			26			
13 ^{※2}	10-10	1			28			
27 ^{※2}	12-12	1			32			
14 ^{※3}	4				6-6	0	26	
28 ^{※3}					8-8	0	30	
15 ^{※3}			10-10	0	34			
29 ^{※3}			12-12	0	38			

Program No.	No. of button holes	Sewing pattern	No. of threads	No. of crossover stitches	No. of stitches	Size X-Y mm					
16	4		6-5	1	19	3.4X3.4					
17			8-7	1	23						
30			10-9	1	27						
18 ^{※2}			3		6-6		1	20			
19 ^{※2}					8-8		1	24			
31 ^{※2}					10-10		1	28			
45 ^{※2}			4		12-12		1	32			
20 ^{※3}					3			6-6	0	26	2.4X3.4
32 ^{※3}								8-8	0	30	
33 ^{※3}								10-10	0	34	
21 ^{※2}			4		6-6		1	20	3.4X3.4		
34 ^{※2}					10-10		1	28			
22 ^{※2※3}					3			6-6		0	26
35 ^{※2※3}								10-10		0	34
46	4		6-6	1	20						
47			8-8	1	24						
48			10-10	1	28						
49			12-12	1	32						

- ※1 Check that the button hole diameter is 2 mm or greater before using the programs.
- ※2 Do not use the button lifter spring.
- ※3 After the sewing of the one side is completed, the presser foot lifts up once and the wiper operates, and then the other side is sewn, because there is no crossover thread to be sewn. (Operation will be different if the optional solenoid type thread wiper is installed.)



The following programs require the solenoid type thread wiper (Optional).

Program No.	No. of button holes	Sewing pattern	No. of threads	No. of crossover stitches	No. of stitches	Size X-Y mm			
36	4		6-6	0	26	3.4X3.4			
37			8-8	0	30				
38			10-10	0	34				
39			12-12	0	38				
40			3		6-6		0	26	2.4X3.4
41					8-8		0	30	
42					10-10		0	34	
43 ^{※2}			4		6-6		0	26	
44 ^{※2}					10-10		0	34	

Buttons are attached extremely securely

Besonders sichere Knopfbefestigung

Les boutons sont fixés très solidement.

Botones colocados con mucha seguridad

- The adoption of Brother's unique backtack sewing method (start and end sewing) ensures that the threads will not unravel, so that the buttons are always attached securely.
- Sewing starts only after the button mis-feed detector confirms that there is a button in the button catcher. This prevents the error of sewing without a button in place from occurring.



Efficient button supply

Effiziente Knopfzufuhr

Alimentation efficace des boutons

Suministro eficiente de botones

- The next button to be sewn is set correctly while the previous button is being sewn. This smooth button feeding process eliminates lost time and greatly increases productivity.
- Buttons can be supplied during the sewing operation in any one of three sequences, and the sequence to be used can be selected easily by changing a switch setting.
 - Buttons are supplied automatically after sewing is complete. This prevents sewing without a button in place. (AUTO 1)
 - When sewing is complete and the button clamp releases its button, the next button is supplied. This prevents sewing without a button in place, and is ideal for sewing buttons with shanks. (AUTO 2)
 - Non-auto button supply mode. This sequence is ideal for sewing buttons manually.



Changing the button size is also easy

Einfaches Wechseln der Knopfgröße










Le changement de taille de bouton est également facile.

Cambio fácil del tamaño de botones

- The feeder is equipped with an easy-to-use adjustment mechanism, so that it can be adjusted easily to accommodate buttons with different diameters, thicknesses and number of holes. Optional replacement gauge parts are available for the standard shooter and button catch plate.
- As the sewing patterns can be enlarged or reduced centering on the sewing start point, adjustments for different buttonhole sizes can be carried out easily by using the existing data.
- The enlargement and reduction ratios can be entered either as a percentage or in length (mm) (determined by DIP switch setting).



• Specifications

Model									
	Lock stitch	Button sewing	Standard hook	Light materials	Medium materials	Stitch length	Thread trimmer	Thread wiper	Max. sewing speed
BAS-016B	★	6.4×6.4 mm	★	★	★	0.1-6.4 mm	★	★	2,500 rpm

Feed mechanism	R-θ intermittent feed mechanism (pulse-motor driven mechanism)	Weights	With table stand: 145.6 kg (Single-phase) 150.6 kg (Three-phase 400V) 155.6 kg (Three-phase 220V,380V,415V) (Machine head: 52 kg, Operation panel: 0.6 kg, Control box: 9-19 kg (depending on destination), Button feeder: 37 kg)
No. of stitches	Variable (by programming)	Power source	Single-phase 220-230 V, Three-phase 220, 380, 400, 415 V, Maximum electric power consumption 600 VA
Max. stitch number	20,000 stitches (including 10,000 stitches which can be added)	Types of button	2, 3 or 4 holes, Flat button
Work clamp lifter	Solenoid type	Button size	9-22 mm
Button clamp height	10 mm (standard)	Button feed time	0.35 sec.
Data storage method	P-ROM (Any sewing pattern can be added using PS3000.)	Button loading	Rear loading
No. of user programs	16	Power source of the feeder	DC motor
No. of cycle programs	4	Button arrangement	Vibration bowl, Front-back discrimination
No. of stored data	49 sewing patterns are set already Up to 100 patterns can be added. Total number of stitches of stored data which can be added is within 10,000.	Individual feeding	Drive by solenoid
Enlarging and reducing patterns	20-200%	Button feed error detector	Available
Motor	Three-phase 400 W induction motor	Thread knot	Knot tied by sewing pattern (start and end sewing)

• Options

Two-pedal foot switch

The presser switch and the start switch have been separated, giving the operator more flexibility in selecting the best method of working.



Solenoid type thread wiper

When sewing without cross over stitches, this device is used to stop the button catcher from moving up and down during sewing.



Liquid cooling tank

This helps to prevent thread breakage caused by friction when using synthetic threads.

Product specifications are subject to change for improvement without notice. Please read instruction manual before using the machine for safety operation.

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