brother

BAS-343E

Electronic
Excellent
Economical

E Series

BAS-343E(380 × 280mm)

PROGRAMMABLE ELECTRONIC PATTERN SEWER WITH CYLINDER BED
ELEKTRONISCH-FREI-PROGRAMMIERBARER STEPPSTICH-ZYLINDERARM-VOLLAUTOMAT
AUTOMATE DE COUTURE PROGRAMMABLE-BRAS CYLINDRIQUE
AUTOMATA ELECTRONICA PROGRAMABLE DE BASE CILINDRICA

Cassette clamp ensure stable sewing

- *The work clamp eliminates vertical play in the cassette clamp and stops the material from lifting up and slipping, so that sewing remains stable. This sewing machine is thus ideal for attaching parts and sewing patterns onto heavy materials such as shoes and bags.*
- *If the operator has two or more cassette clamps, preparation for the next operation can be carried out while sewing is still in progress. Overlapping work operations such as this allow great improvements in productivity.*
- *Silicon oil has been added inside the needle cooler to increase needle cooling performance and prevent thread breakages due to heat.*
- *A linear guide has been adopted in the feed mechanism.*
- *The programmer (optional device) incorporates a blue LCD screen with backlighting which is easy to read and gentle on the eyes. Programs can be created easily just by selecting icons on the screen.*

- *Le pinceur élimine le jeu vertical dans la cassette de pinceur et empêche le tissu de se soulever et de glisser de façon à ce que la couture reste stable. Cette machine à coudre est donc idéale pour coudre des pièces et des motifs sur des matériaux lourds comme des chaussures et des sacs.*
- *Si l'opérateur a deux cassettes de pinceur ou plus, les préparations pour l'opération suivante peuvent être effectuées alors que la couture continue. Ce chevauchement de deux opérations permet de grandes améliorations de la production.*
- *De l'huile de silicone a été ajoutée à l'intérieur du refroidisseur d'aiguille pour augmenter la performance du refroidissement de l'aiguille et empêcher les ruptures de fil dues à la chaleur.*
- *Un guide linéaire a été adopté dans le mécanisme d'entraînement.*
- *Le programmateur (dispositif en option) comprend un écran à affichage à cristaux liquides éclairé par l'arrière, facile à lire et qui ne fatigue pas les yeux. Des programmes peuvent être facilement créés en sélectionnant simplement une icône sur l'écran.*

- *Mit dem Stoffhalter kann ein vertikales Spiel des Kassettenhalters eliminiert werden, damit wird verhindert, daß sich das Nähgut abhebt und Schlupf auftritt. Das Nähen wird wesentlich stabiler. Diese Nähmaschine eignet sich deshalb ideal zum Annähen von Teilen und zum Nähen von Stichmustern für die Verarbeitung schwerer Materialien, wie Schuhe und Taschen.*
- *Falls zwei oder mehr Kassettenhalter zur Verfügung stehen, läßt sich das nächste Stück schon während dem Nähen vorbereiten. Durch das gleichzeitige Ausführen von mehreren Bedienungsschritten kann die Leistung ganz wesentlich gesteigert werden.*
- *Zum Erhöhen der Kühlleistung und zum Vermeiden von Fadenbrüchen wegen Überhitzung befindet sich im Nadelkühler Silikon.*
- *Für die Vorschubvorrichtung wird eine lineare Führung verwendet.*
- *Die Programmiervorrichtung (Sonderzubehör) verfügt über einen blauen LCD-Schirm mit beleuchtetem Untergrund, der sich leicht ablesen läßt, ohne die Augen zu überanstrengen. Programme lassen sich einfach durch die Auswahl von Symbolen auf dem Schirm zusammenstellen.*

- *El prensor de trabajo elimina el juego vertical del prensor tipo casete y evita que el material se levante y deslice, de manera que la costura es estable. Esta máquina de coser es por lo tanto ideal para colocar partes y coser patrones en materiales pesados como zapatos y bolsas.*
- *Si el operario tiene dos o más prensores tipo casete, la preparación de la siguiente operación se puede realizar mientras se realiza la costura. Los trabajos superpuestos como esos permiten mejorar la productividad.*
- *Se ha agregado aceite de siliconas dentro del enfriador de agujas para aumentar el rendimiento de enfriamiento de la aguja y evitar rupturas de hilo debido al calor.*
- *Se ha adoptado una guía linear en el mecanismo de alimentación.*
- *El programador (dispositivo opcional) incorpora una pantalla LCD azul con retroiluminación que es fácil de leer y resulta muy cómoda para la vista. Los programas pueden ser creados fácilmente simplemente seleccionado los iconos de la pantalla.*

■ Specifications
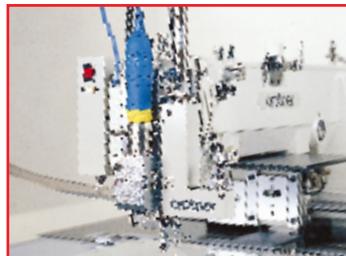
Model	Lock stitch	Vertical hook (horizontal axis)	Heavy materials	Sewing area	Stitch length (mm)	Thread trimmer	Thread wiper	Max. sewing speed	Air consumption
BAS-343E	★	2	★		0.05 - 12.7 mm	★	★	2,500 rpm (When stitch length is 3 mm or less)	1.8 l/min.

Sewing machine	Lock stitch pattern tacking sewing machine
Feed mechanism	Intermittent feed, pulse motor drive
Data storage method	3.5 floppy disk 2HD/1.44 MB, 2DD
Minimum resolution	0.05 mm
No. of stitches	20,000 stitches per pattern (max. 100 patterns, 360,000 stitches/2HD floppy disk)
Needle type	DP×17
Intermittent stroke	0, 3 (Factory setting) - 8 mm
Test function	Operation test function provided for use with low speed drive

Safety devices	Automatic stop function for activation in the event of misoperation realized with intermediate stop function and safety circuits
Lower thread counter	Included
Power table	T-shaped for sitting or standing use
Machine dimensions	1,200 W × 1,560 D× 1,180 － 1,450 H mm
Weight	Machine head: 80 kg Control box: 10 - 20 kg (depending on voltage)
Power supply	Single-phase 110 V, 220 V, 230 V, 240 V 3-phase 220 V, 380 V, 400 V 900 VA
Air pressure	0.49 MPa (5.0 kgf/cm^2)
Motor	Three-phase 400 W induction motor
Pattern editing functions	Line, curve, circle, arc, zigzag stitch, double stitch, multiple stitch, parallel stitch, offset, resizing, rotating, etc.

■ Options

●Milling device

This device uses programmer to create work clamps, so that the clamps ideally suit the sewing task, and sewing is also possible with the device still installed. The cutting depth can be easily adjusted by means of an adjustment dial, and the channels in the lower and upper cassette plates can also be changed during process-ing. In addition, scraps are removed automatically.

●BAS-PC/300
Programming software for electronic pattern sewer

This is a software program which creates new sewing patterns using a personal computer. The pattern data is saved to a floppy disk, so that the patterns can be sewn later simply by inserting the disk into the pattern sewer.

●Two-step thread tension device

This allows the upper thread tension to be switched between two settings at any desired time by using the programmer. It can be used to produce attractive finishes when the thickness of the material changes during the course of a single pattern, such as if there is a joint, or if the sewing direction changes.

●Thread breakage detector

The emergency stop is activated to warn the operator when a thread breakage is detected.

●Automatic bobbin changer

When the amount of remaining bobbin thread becomes low, this device automatically replaces the bobbin. This reduces the need for tasks such as checking the amount of bobbin thread and replacing bobbins, so that productivity can be increased. It is extremely useful when sewing products where thread joining is not possible and when sewing decorative stitching.

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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