

BAS-342GXL

brother[®]
at your side

Direct Drive Programmable Electronic Pattern Sewer with Cylinder Bed 650 mm × 380 mm

- Sewing data is sewn faithfully and attractively
- High piercing force
- Economical operation with low power consumption
- Quick and accurate positioning can be made by two step lowering work clamp
- Easy to use programmer PD-3000 (optional product)



PD-3000



PS-300B



*Low power consumption and high quality sewn product
650mm×380mm large sewing area, can support many different kind of sewing.*

Spacious sewing area to achieve a multi-purpose sewing

Sewing area of 650mm × 380mm. Bigger materials, such as handbags and airbags, or many pieces of small to medium size fabrics can be sewn.

High quality sewn products made with beautiful stitching

With adoption of the high-rigid feed mechanism with servo-control, high-precision pattern sewing is available and feed drifting, which is electronic sewing machine specific, does not occur even with high speed or weighty material sewing. The machine use high power motor (550W), even in low-speed sewing also have high powerful needle penetration force, sewing thick material can also be carried out smoothly.

Lower power consumption

The direct drive mechanism greatly reduces power transmission losses, and a compact and energy-efficient motor has also been adopted.

Large-capacity memory capable of storing bulky data

Large-capacity memory (512 programs, 500,000 stitches) is embedded in the sewing machine so that a large quantity of data can be stored. A compact flash (CF) card has been adopted.

Options

- Programmer PD-3000

Simple to program and manage the sewing data.

Supports Japanese, English, Chinese, Spanish, Italian, French, German, Portuguese, Turkish, Vietnamese.

- Software PS-300B lets you create, edit and modify sewing machines using a personal computer with no skill required.

- Thread breakage detector

When it detects thread breakage, the sewing machine stops automatically and warns its operator. It is helpful when one operator uses many machines at the same time.

- Needle cooler

This is a pneumatic type needle cooler which prevents thread breakage due to heat. It is particularly useful for sewing heavy materials or sewing at high speed.

Specification

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Sewing machine	Programmable Electronic Pattern Sewer
Stitch form	Single needle lock stitch
Max. sewing speed	2100rpm *1*2
Sewing size	Max. 650×380mm
Feed mechanism	Stepping feed (pulse motor drive)
Stitch length	0.05~12.7mm
No. of stitches of storage	Internal memory 500,000 stitches *3
No. of stitches	20,000 stitches per pattern
No. of patterns of storage	Internal memory : 512patterns *3 \ CF card : 900 patterns
Work clamp mechanism	Pneumatic – Quick change Cassette type
Height of stepping presser foot	22mm *2
Stepping presser foot stroke	2~4.5mm \ 4.5mm~10mm or 0 (Factory setting: 3mm) *2
Hook	Double-capacity shuttle hook (Standard capacity hook: Option)
Thread wiper	Standard equipment
Thread trimmer	Standard equipment
Data storage media	Flash memory (Sewing patterns can be added using CF card)
Use programs	50
Cycle programs	9
Motor	AC servo motor 550W
Weight	Machine head: Approx. 160kg \ Operation panel: Approx.0.6kg Control box 14.2~16.2kg (depending on destination)
Power supply	Single phase 220V \ 3 phases 200V/380V/400V 500VA
Air pressure/ consumption	0.5MPa 1.8 l/min

*1. Stitch length lower than 3.5mm

*2. According to different uses, it is necessary to use the memory switch setting the maximum sewing speed

*3. Storage sewing pattern number and stitches number depends on the number of each needle sewing pattern

Dealer: **Brother International (HK) Ltd.**

Unit 620-622 & 626, 6/F, Ocean Centre, 5 Canton Road,
Tsimshatsui, Kowloon, Hong Kong
Tel: (852) 35899040 Fax: (852) 28081644
<http://www.brother.com.hk/>

CHINA

BROTHER MACHINERY SHANGHAI LTD.
3F, Haiyi Commercial Bldg., No.310, Tianshang Road,
Shanghai 200336, P.R. China
<http://www.brother.cn/>

+86-21-3135-3355

VIETNAM

BROTHER INTERNATIONAL (HK) LTD.
Hochiminh Representative Office
Hanoi Representative Office

+84-8-3811-0879-80

+84-4-37326374

Manufacturer: **Tai Hing Sewing Machine (Development) Co. Ltd.**

ASIA

BROTHER INTERNATIONAL SINGAPORE PTE LTD.
152 Beach Road #25-01/04 Gateway East
Singapore 189721
<http://www.brother.com.sg/>

+65-6536-8891

*The guarantee of product quality is responsible by Tai Hing.