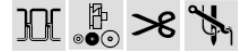


Direct Drive Lockstitch



# Programmable Electronic Pattern Sewer

**BAS-342GX**

450mm x 350mm

**BAS-342GXL**

650mm x 380mm



( BAS-342GXL Model Shown )

- Excellent pattern stitching having beautiful finish
- Strong needle penetration force
- Economical operation and ease of use
- Cassette type pattern sewing fixtures for maximum productivity
- Easy-to-use hand held programmer device PD-3000 (optional product)

***Servo Drive Feed System Provides Excellent Sewing Performance and Uniform Stitching Quality for Many Sewn Products and Applications!***

## - Large Capacity Memory for Storage of Stitch Patterns

Large capacity memory of up to 512 sewing patterns can now be stored "in the machine". No need to read a program each time you change or select a different stitch pattern program.

A Compact Flash (CF) card has been adopted to transfer large amounts of sewing data to various machines



## - Presser Foot Height is Now Programmable



Height of presser foot is easily set or changed by programming means. **NOW** presser foot height can be changed automatically during the sewing operation to accommodate varying ply thickness.

- **Large Double Capacity Hook**
- **0.05mm Stitch Resolution**
- **Quick Exchange of Cassette Type Sewing Fixtures**
- **Low Power Consumption**
- **Excellent Sewing Performance**

## OPTIONAL DEVICES

### \*PD-3000 Hand Held Programmer

Sewing Programs can be easily created in the same procedure as for previous models. Large LCD color display allows you to view the pattern as it is being created or modified. Comments can be added to the sewing program. Language selection for image display is easily obtained for English, Chinese, Spanish, Italian, French, German, Portuguese, Turkish, Vietnamese, and Japanese.



\* PD-3000 (optional product sold separately)

### Needle Thread Breakage Detector

It detects needle thread breakage. When this fiber optic type detector detects needle thread breakage, sewing operation is stopped automatically and a warning is given to operator. This device is useful for when tending multiple machines by one operator

### Needle Cooler

Effective for high speed sewing or heavy material sewing, it cools the needle due to friction and reduces thread breakage and separation.

## OPTIONAL DEVICES

### 2-Step Thread Tension Device

Two separate upper thread tensions can be applied in sewing program. It allows you to set thread tension for varying material ply thicknesses by input of PD-3000 programmer. Improved thread tension is achieved for overlapping materials, varying ply thicknesses, or change in sewing direction.

### Sewing Data Programming Software PS-300B

This software package allows you to create, edit and modify sewing patterns for the programmable sewing machine using a personal computer or laptop.



## Machine Specifications

Model	Lock stitch	Double hook	Sewing area	Stitch length	Thread trimmer	Thread wiper	Max. sewing speed	Air consumption
BAS-342GX	★	2	450X350mm	0.05 - 12.7mm	★	★	2,000spm*	1.8/min.
BAS-342GXL	★	2	650X380mm	0.05 - 12.7mm	★	★	2,000spm*	1.8/min.

	BAS-342GX	BAS-342GXL
Machine Type	Electronic programmable lockstitch sewing machine	
Stitch Type	Single needle lock stitch (301)	
Sewing Area (X x Y)	Max. 450mm X 350mm	Max. 650mm X 380mm
Max. Sewing Speed	2,000SPM* (subject to thread and material conditions)	
Feed Mechanism	Intermittent feed type (closed loop pulse motor system)	
Stitch Length	0.05mm - 12.7mm	
No. of Stitches	20,000 per pattern	
Work Clamp Type	Cassette type (pallet) sewing fixtures required	
Stepping Foot	intermittent, electronic height adjustable	
Stepping foot lift amt.	22mm	
Stepping Foot Stroke	0 or 2 - 10mm (factory setting is 3mm)	
Hook Type / Size	Oscillating, double capacity	
Thread Trimmer	Standard equipment	
Thread Wiper	Standard equipment	
Data Storage Means	Flash Memory (sewing patterns can be transferred or added using CF card) (optional) 3.5 floppy disk 2HD / 1.44MB 2DD	
Sewing Motor	AC servo 550watt	
Shipping Weight (approx.)	348 kg.	512 kg.
Dimensions	wd:1370mm lgth:1320mm hgth:1320mm	wd:1680mm lgth:1855mm hgth:1550mm
Air Pressure	0.5 Mpa 3.1 l/min.	
Power Supply	Single phase 100V / 220V, 3-phase 200V/220V/380V/400V 400VA	

\* Sewing speed is subject to combined weight of sewing fixtures or work clamps, work piece materials, and thread size.

CF™ is a trademark of SanDisk Corporation. CompactFlash® is a trademark or registered trademark of SanDisk Corporation.

Product specifications are subject to change for improvement without notice. Please read all equipment manuals before using machine for safe operation.

At your side.  
**brother**

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