

Vision Sewing System

BAS-326G-VGSM
BAS-342H-VGSM

Quickly and easily sew patches, appliques, letters and numbers to fabrics and garments with automated precision.

- Eliminates the need for an advanced skill set
- Delivers consistent quality
- Increases production output, reduces time required
- Creates vision generated stitch pattern



Brother Electronic Controlled Programmable Sewing Machine with Vision Camera System

Sew patches, emblems and other items to uniforms, athletic apparel, home décor and more – faster and more easily than you ever thought possible. With the Brother Vision Sewing System, the camera alignment system does the hard work for you!

The Benefits

Help gain a competitive advantage in your marketplace by utilizing the Vision Sewing System's innovative software to:

- Increase production speed
- Easily sew most shapes and sizes
- Deskill the operation
- Provide consistent quality
- Fully sew objects that have both inside and outside borders

Ideal Uses

Companies of practically any size and specialization can incorporate the Vision Sewing System into their already existing operations:

- Garment Decorators
- Uniform/Laundry Companies
- Apparel Manufacturers/Label Sewing
- Fashion Brands
- Police and Military Organizations



Find out if Vision Sewing is a good fit for your business. Contact a Brother Sewing Professional at 908-655-9446.

How It Works

It's simple. Place the fabric and the object to be applied (patch, label, etc.) onto the machine and the integrated digital camera takes a photo of the set up. The system then analyzes the image and defines the perimeter of the applied item.

Using preset stitch specifications, the system then automatically generates a stitch pattern and proceeds to create a sew pattern along the edge of the object.

The user can select specific stitch types such as straight

or zigzag before the operation begins. Other specifications such as stitch pitch (length), width and over-sew can also be preset ahead of time, along with offset patterns, which allows the pattern to be made inside or away from the perimeter edge.



Able to sew a series of letters or numbers in a single operation.

Capable of sewing at speeds of over 2,600 spm.

Increases productivity.

Machine Specifications

Model	 Lock stitch	 Double hook	 Sewing area	 Stitch length	 Thread trimmer	 Thread wiper	 Max sewing speed	 Air consumption
BAS-326G	★	2	220 × 100mm	0.05–12.7mm	★	★	2,600spm*	1.8/min
BAS-341H	★	2	250 × 160mm	0.05–12.7mm	★	★	2,600spm*	1.8/min
BAS-342H	★	2	300 × 200mm	0.05–12.7mm	★	★	2,600spm*	1.8/min

	BAS-326G-VGSM	BAS-341H-VGSM	BAS-342H-VGSM
Machine Type	Electronic programmable lockstitch sewing machine		
Stitch Type	Single needle lock stitch (301)		
Sewing Area (X × Y)	Max. 220mm x 100mm	Max. 250mm x 160mm	Max. 300mm x 200mm
Max. Sewing Speed	2,600SPM (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 max per pattern		
Work Clamp Type	Fixed Type standard, Cassette Type / Hoop Type Optional		
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 (each sewing pattern is individually generated for each sewing operation)		
Sewing Motor	AC servo 550watt		
Shipping Weight (approx.)	118 kg.	227 kg.	227 kg.
Air Pressure	0.5 Mpa 3.1 l/min.		
Power Supply	Single phase 100V / 220V, 3-phase 200V/220V/380V/400V 400VA		

*Subject to material and thread conditions.

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For video demonstrations and additional product information for the Brother Vision Sewing System, visit www.ISMBrother.com/VisionSewing.