

Vision Sewing System



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.





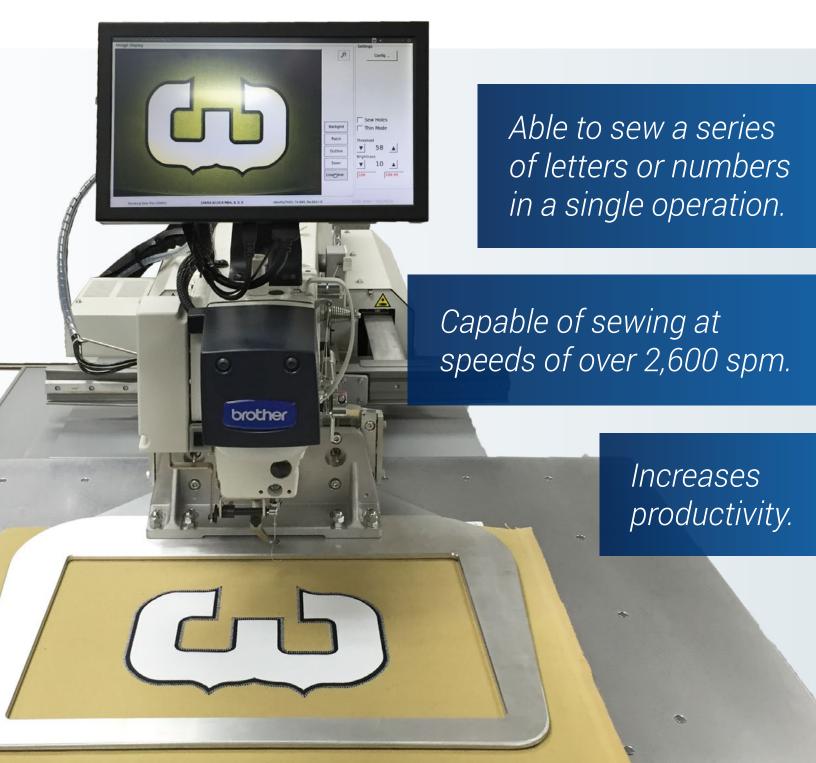
How It Works

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.



Machine Specifications

Model	Lock stitch	⊚ ⊙ Double hook	Y X 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	Interm	otor 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						
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					

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*Subject to material and thread conditions

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

