

AVENEER EV1

SEWING · EMBROIDERY · QUILTING



Industry-first Features & Unrivaled Innovations

✓ Brother's Largest Embroidery and Projector Area

A large 14.1" workspace handles everything including large home decor projects. The industry leading 11 5/8" x 18 1/4" embroidery frame is the **largest and most advanced** ever offered by Brother. Project stitches or designs onto an 8"x5" projection area for precise placement and editing.¹

Picture Play Embroidery Function

Using AI technology, the Picture Play Embroidery Function converts photos or images into thread art and displays it directly on-screen, giving the users the ability to effectively create canvases with thread for the ultimate work of art.

ISR Intelligent Stitch Regulator

Keeping all stitch lengths even, this feature adjusts the needle timing to match the actual speed of the fabric being fed into the machine. This includes three modes (Continuous, Intermittent, and Basting) and three free motion feet.

A Library of Built-in Designs

Browsing a vast collection of over 877 sewing stitches, 1,858 embroidery designs, 31 fonts, and over 217 Disney character patterns from the large 10.1" capacitive LCD touch screen is easy and comfortable.

✓ Buttonhole Preview

A first in the industry this innovative feature lets users preview the style, vertical or horizontal placement, and spacing of buttonholes through the powerful StitchVision projector.¹

✓ StitchVision Technology

Preview your stitches before you sew! Project a marker line, square, circle, or grid directly onto the fabric in one of 16 colours. This feature brings the reassurance of precision to every project.¹

Edge-to-Edge Quilt Feature

With easy-to-follow instructions and 15 patterns to choose from, this dynamic feature lets users finish their quilt directly on the Aveneer EV1, even with our 7" x 12" or 10" x 10" magnetic hoops. A great substitute for a long arm!

Voice Guidance Feature

Gently guides users audibly through the next steps of a project with a choice of voices in six languages.

Mobile Apps

App compatibility extends the creative possibilities of the EV1. With the Artspira Mobile App², access 10 bonus designs for the large hoop or use the drawing tool to create personalized quilt labels. The My Design Snap App² provides the opportunity to digitize any photo in one of 10 filters, all wirelessly between a mobile device and the EV1.



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Basic Features

StitchVision Technology	•
Accessory Storage	•
Adjustable Presser Foot Pressure	•
Adjustable Screen Brightness	•
Automatic Thread Cutter	•
Branded Series	Disney
Built-in Languages	•
Built-in Memory	•
Display Type	LCD
LCD Display Size	10.1"
Feed Dog Points	7
Lighting Type	LED
Needle Position Key (Up/Down)	•
Needle Threading System	Automatic
Presser Foot Leveling	•
Quick Set Bobbin	•
Realist Preview	•
Stitch Selector Type	Touch Panel
Thread Sensor	Bobbin Sensor, Upper Thread Sensor
Thread Sensor On/Off	•
Wide Table Included	Optional Accessory
Workspace Area	14.1" x 5"
Wireless LAN	•
Multi-Function Foot Controller	•
Voice Guidance	•

Sewing

Automatic Height Adjustment (AHA)	•
Back to Beginning Key	•
Built-in Stitch Selections (Stitches)	877
Buttonhole Styles	25
Independent Bobbin Winding Motor	•
Knee Lifter	•
Maximum Sewing Speed (Stitches Per Minute)	1,050
Multi-Directional Sewing	•
My Custom Stitch Feature	•
Pivot Function	•
Sideways Sewing	•
Reinforcement/Reverse Stitches	•
Stitch Length (mm)	5 mm
Stitch Width (mm)	7 mm
Built-in Sewing Lettering Fonts	4
Guideline Marker	In 16 colours

Key: • Feature Included

All specifications subject to change without prior notice.

Embroidery Features

Adjustable Embroidery Speed Settings	•
Adjustable Design Icon Size Setting	•
Appliqué Creator Function	•
Automatic Feed Thread Cutting	•
Built-in Alphabet Fonts	31
Built-in Embroidery Designs	1,858
Built-in Embroidery Disney/Pixar Designs	217
Total Built-in Non-Disney Patterns	1,641
Bonus Designs on Artspira	10
Colour Shuffling Function	•
Computer Connectivity	•
Curved Text On-Screen Editing	•
Drag and Drop Editing	•
Embroidery Position Marker	•
Frame Designs Shapes	10 Shapes x 14 Stitch Patterns
InnovEye Technology	•
Maximum Embroidery Area	11 5/8" x 18 1/4"
Maximum Embroidery Speed (Stitches Per Minute)	1,050
Maximum Zoom (in My Design Center)	1,600%
My Design Center	•
On-Screen Automatic Density Adjustment	•
On-Screen Editing	•
On-Screen Help	•
Pattern Rotating Increments	0.1 Degree, 1 Degree, 10 Degrees, 90 Degrees
Print and Stitch Technology	•
Programmable Monochrome Embroidery	•
Resume Function	•
Sewing Decorative Stitches with Embroidery Arm Attached	•
Space Reduction among Embroidery Alphabets	•
Speed Adjustment	•
Thread Wiper	•
Trial Position/Layout Function	•
Picture Play Embroidery Function	•

Quilting

Built-in Quilting Stitches	40
Drop-Feed	•
Free Motion Quilting Foot	•
Included Quilting Feet	•
ISR Intelligent Stitch Regulator	•

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Included Accessories

- Zigzag foot "J"
- Advanced monogramming foot "N+"
- Overcasting foot "G"
- Zipper foot "I"
- Buttonhole foot "A+"
- Buttonhole foot stabilizer
- Blind stitch foot "R"
- Button fitting foot "M"
- 1/4" Piecing foot with guide
- Straight stitch foot
- Free motion quilting foot "C"
- Free motion open toe quilting foot "O"
- Free motion echo quilting foot "E"
- ISR Intelligent Stitch Regulator
- Embroidery foot "W"
- Compact dual feed and regular dual feed foot
- Couching dual feed foot
- Embroidery couching foot "Y"
- Yarn guide
- Yarn threader
- Embroidery frame set, 4" x 4"
- Embroidery frame set, 5" x 7"
- Embroidery frame set, 10 5/8" x 10 5/8"
- Embroidery frame set, 11 5/8" x 18 1/4"
- Scanning frame
- Embroidery positioning sticker sheets (4)
- Dual king spool thread stand
- Knee lifter
- Grid sheet set
- Stabilizer
- Dual purpose stylus
- Accessory case
- Support table
- Operation manual
- Quick reference guide
- Additional accessories included in the box

Optional accessories

- Aveneer EV1 Wide Table (SAWTEV1)
- Aveneer EV1 Luggage Set (SASEBEV1)
- Advanced Embroidery Design Software (PEDESIGN11)
- Magnetic Sash Frame (SAMS360)
- 10" x 10" Magnetic Frame (SAMS254)
- 40-Colour Embroidery Thread Set (SA740)
- Magnifying Lens (SAML)

Machine Specifications

UPC: 012502676430
Weight: 43.4 lbs.
Footprint: 29.6" L x 13.3" W x 13.8" H

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¹In some cases, there may be some difference between the projector view and the actual stitch out, based on materials used.

²Additional download and wireless connection may be required. Compatibility may vary by device and operating system.