

AVENEER EV1



brother
at your side

AVENEER EV1

You're a pioneer of your craft, you're at the forefront of creative innovation. It's time to look your destiny in the face and push the boundaries of what you can create.

With the largest working space of any Brother flatbed sewing, quilting or embroidery machine the Aveneer EV1 brings the future to your fingertips.

Packed full of technical innovations that will help you create bigger, better, and more beautiful work, the time has come to embrace the future.

Your future is here, your future is the Brother Aveneer EV1.



Key features:

- Intelligent stitch regulator with edge detection
- StitchVision projector technology – 2.6 times larger!
- 465 x 297mm embroidery area
- 358mm long arm
- 1858 embroidery designs, inc. 217 Disney and 31 fonts
- 877 sewing stitches, 16 buttonhole styles
- Picture Play Embroidery Function
- Edge to edge quilting, with 15 included designs
- Voice guidance
- 1,050 stitches per minute
- And much more...

The future at your fingertips



Expand your horizons

Welcome to Brother's largest ever workspace*. At 450cm² (70 square inches) no project will ever feel too large.

With Brother's largest ever 465 x 297mm embroidery hoop, you can create larger-than-life designs in one hooping. Use the Aveneer's camera to create precise, long, continuous running designs across large home décor projects.

The Aveneer's ultra-generous 358mm (14.1") arm, the longest in the world**, can accommodate a rolled king-sized quilt.

An integral extra support table extends to the back of your machine, keeping everything stable. Simply fold it away to save space when not in use.



*of any Brother flatbed machine

** as of July 2024





brother

SIRCHVISION

AVENEER 51

Sewing
Embroidery
Disney
My Design Center



Intelligence, at your needle tip

Master free motion from your first try, with Brother's included Intelligent Stitch Regulator (ISR). It's so easy, the hardest part will be picking which pattern to sew.

No more uneven stitches, and no more headaches from over-focusing on feeding your fabric.



Get perfectly even stitches, as the ISR automatically adjusts needle speed, maintaining a continuous even stitch length, no matter how fast or slow the fabric is moving.

With an integrated infrared Edge Detection System with three settings (intermittent, continuous, and basting) you can adjust it to suit your way of free-motion quilting, across projects of any size.

With adjustable presser foot height settings and a curved design, fabric flows effortlessly under any of the three included presser feet (quilting, open toe quilting and echo quilting).





Intelligence, At your side

Attain project perfection straight away with the Avener's voice guidance system – a first on any Brother home sewing, embroidery or quilting machine.

Be guided step-by-step through your projects, and master traditionally complex skills with ease.

From edge-to-edge quilting, to hooping continuous large-scale embroidery designs (and much more!) the Avener's voice guidance system will guide you through each step of the process, as it needs to be done.

The system will even alert you when it's time to change thread, when your project is complete, or when something is wrong.

Choose from a male or female voice in one of seven preprogrammed languages (English, German, French, Italian, Dutch, Spanish and Japanese).

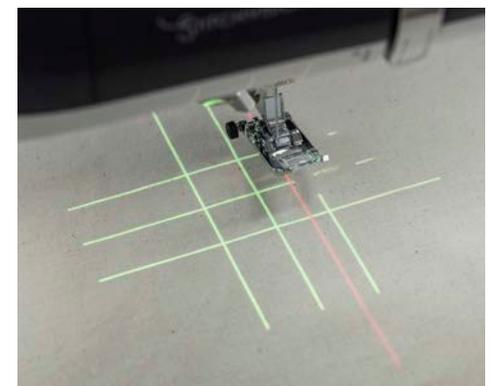
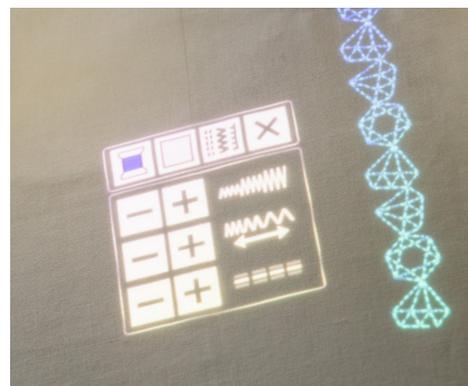
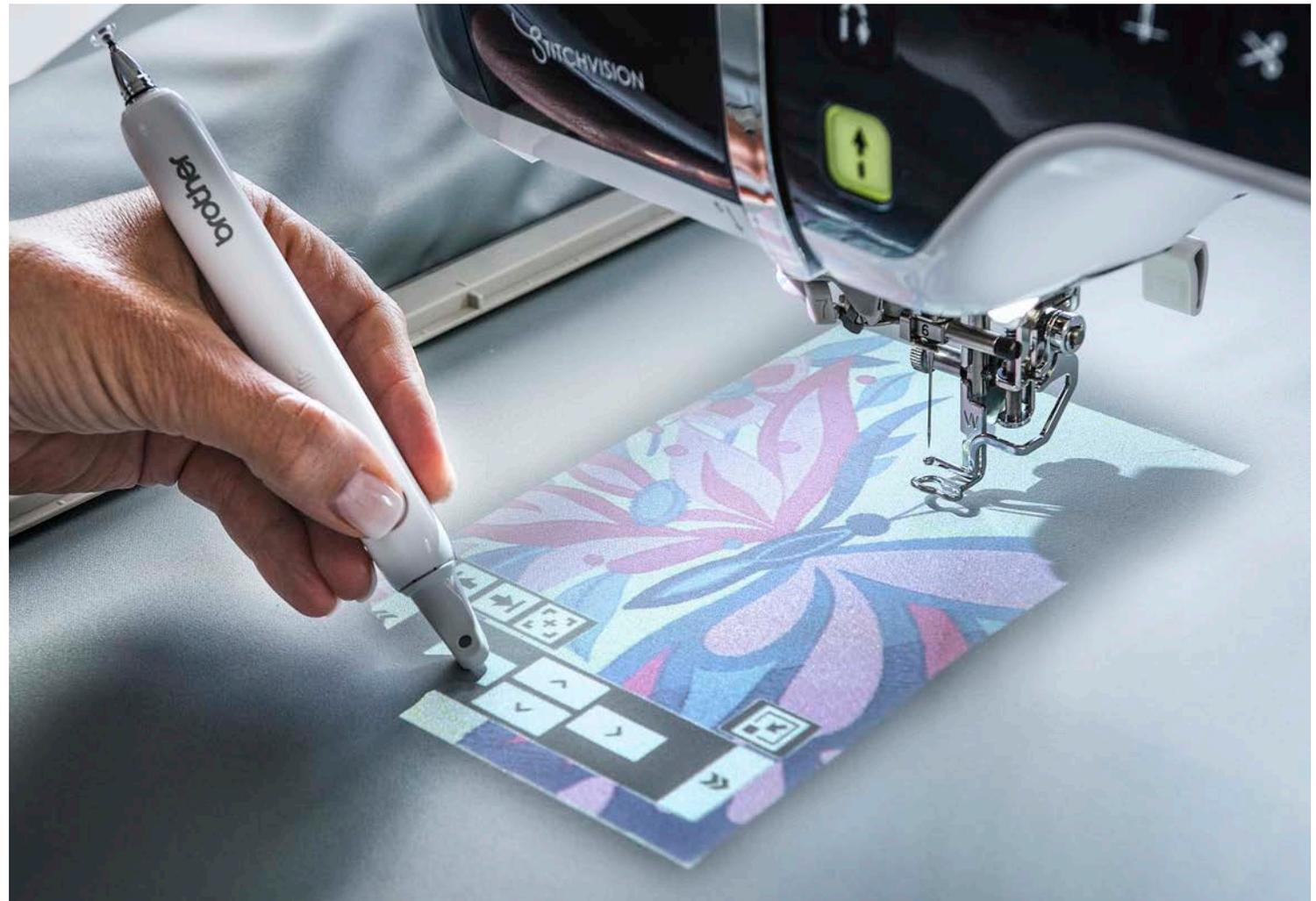
StitchVision

Technology: see it before you stitch it

See your designs spread out before you with the 200 x 127mm projector area, something no other machine can beat*. Not only boasting a 2.6x size increase and angle increase from 30 degree to 150 degree from the Luminaire XP3, its updated speed means clearer, sharper resolution.

View stitch, embroidery and full-scale buttonhole designs directly on your fabric before you commit to sewing the first stitch. Swap designs, edit, resize and rotate them directly on the fabric with the magic sensor pen.

Brother's intelligent StitchVision technology beams projected gridlines straight onto your work. Ideal when creating multiple rows of stitches, pin tucks, decorative stitches, echo stitching or when quilting. Choose from guideline marker line, circle, square or grid pattern in one of 16 colours and eight different angles, to light your path no matter what shade or type of fabric you're working on.



*As per July 2024 on any home sewing, quilting and embroidery machine

Large 10.1" HD LCD touchscreen display with Capacitive Technology

The Aveneer comes with a built in, high-definition tablet-style screen. Built upon an entirely new operating system it's faster, easier to navigate and has 16.7 million PLUS colours, so you can see everything in crystal clear detail.

Zoom and adjustment

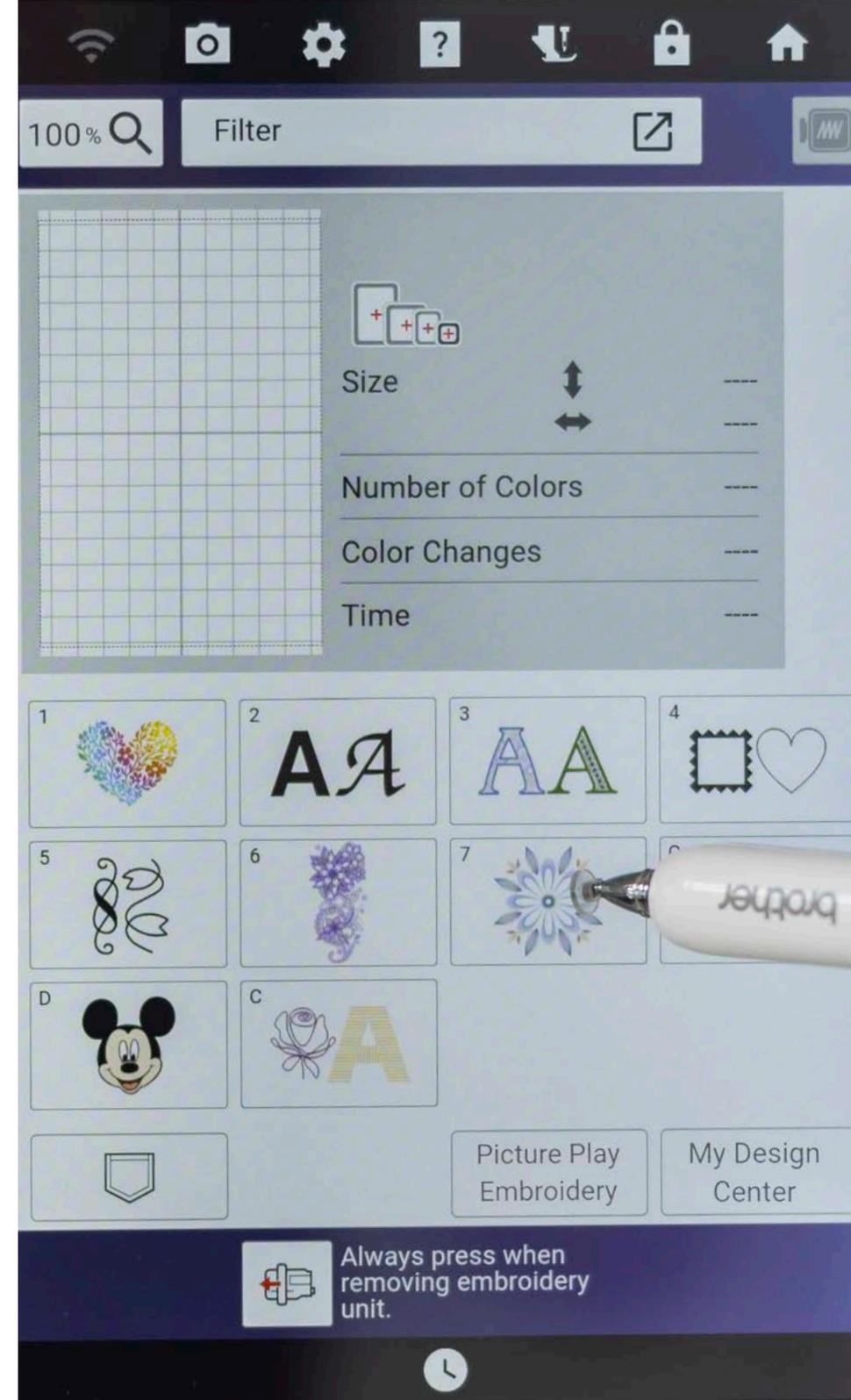
View your creations in crisp, vivid colour and watch them become larger than life with the zoom function of up to 1600% within My Design Center, and up to 400% in other modes. Easily adjust your design by rotating in 0.1 degree increments.

New touchscreen stylus design!

With a detachable cap change to a fine tip and achieve more design control. Use the other side to control the functions projected on your fabric.

From this screen you can:

- Navigate like you do on mobile by sliding, swiping, scrolling, and pinching in and out
- Edit on-screen embroidery
- Choose everything from basic sewing, to creating embroidery designs
- Customise your settings, inc screen brightness
- Change to any of the 12 built-in languages
- View on-screen video tutorials and built-in help guides
- And much, much more.





InnovEye Plus – precision as standard

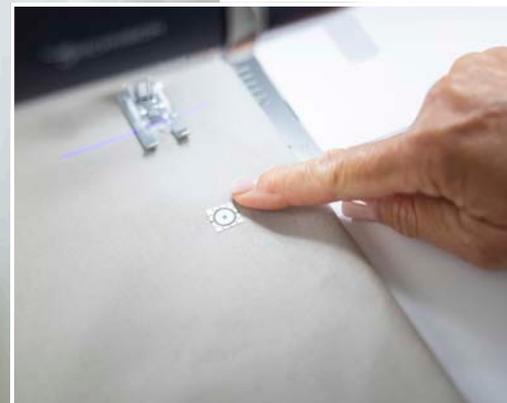
Brother's built in InnovEye Plus Technology is unrivalled when it comes to creativity, precision and accuracy.

Use the upgraded camera to scan your entire embroidery area and take the guesswork out of projects.

Scan your fabric and use the 'Snowman' placement sticker to perfectly place embroidery projects, precisely join multi-hoop embroidery designs and quickly join quilt sashes.

For decorative sewing, the Aveneer's intelligent camera technology will automatically resize your stitch pattern to sew it in full exactly where you want it to fit on your fabric, and not halfway through the repeat. The 'Snowball' placement sticker stops your stitching at the exact spot you want it to using the Aveneer's End Point sewing function.

With super-fast scanning speeds, you can spend more time creating and less time waiting.





See it, scan it, sew it

Convert scanned images into embroidery data in just a few seconds – with no extra software required.

Automatically create beautiful embroidery from hand-drawn line art designs, pattern templates or even your own signature.

Simply draw an outline in pen and put the paper on the scanning frame. The camera automatically turns the image into embroidery data. Adding your own personal touch has never been easier.

My Design Center

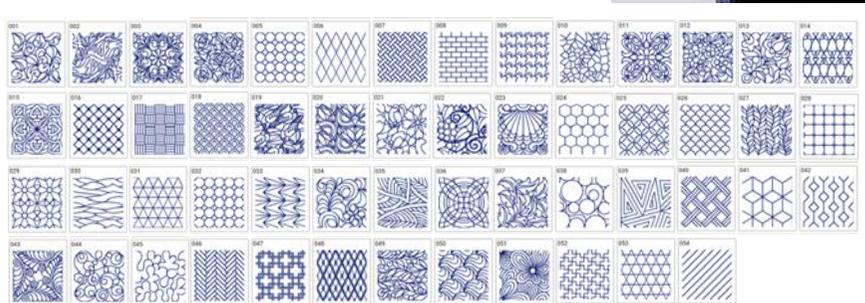
– unique designs, uniquely you

Brother's built in powerful design platform can't be found anywhere else. Easily design your own embroidery patterns straight onto your machine's integrated touchscreen.

Draw straight into the platform with the Aveneer's redesigned stylus pen – the fine tip stylus and easy-to-attach/detach cap provides even finer control while drawing. Or, scan pictures and clip art with the built-in camera scanning function – there's no need for any additional software!

Use the Random Fill option to fit any of the included 54 decorative fill patterns to any closed shape (coming soon). You can even import custom decorative fill patterns and line motifs that you've created in PE-Design 11.

With the savvy 'No Sew' feature, you can remove different aspects of a design before you start so you can see what you do, and don't, want to stitch out.



COMING SOON*...

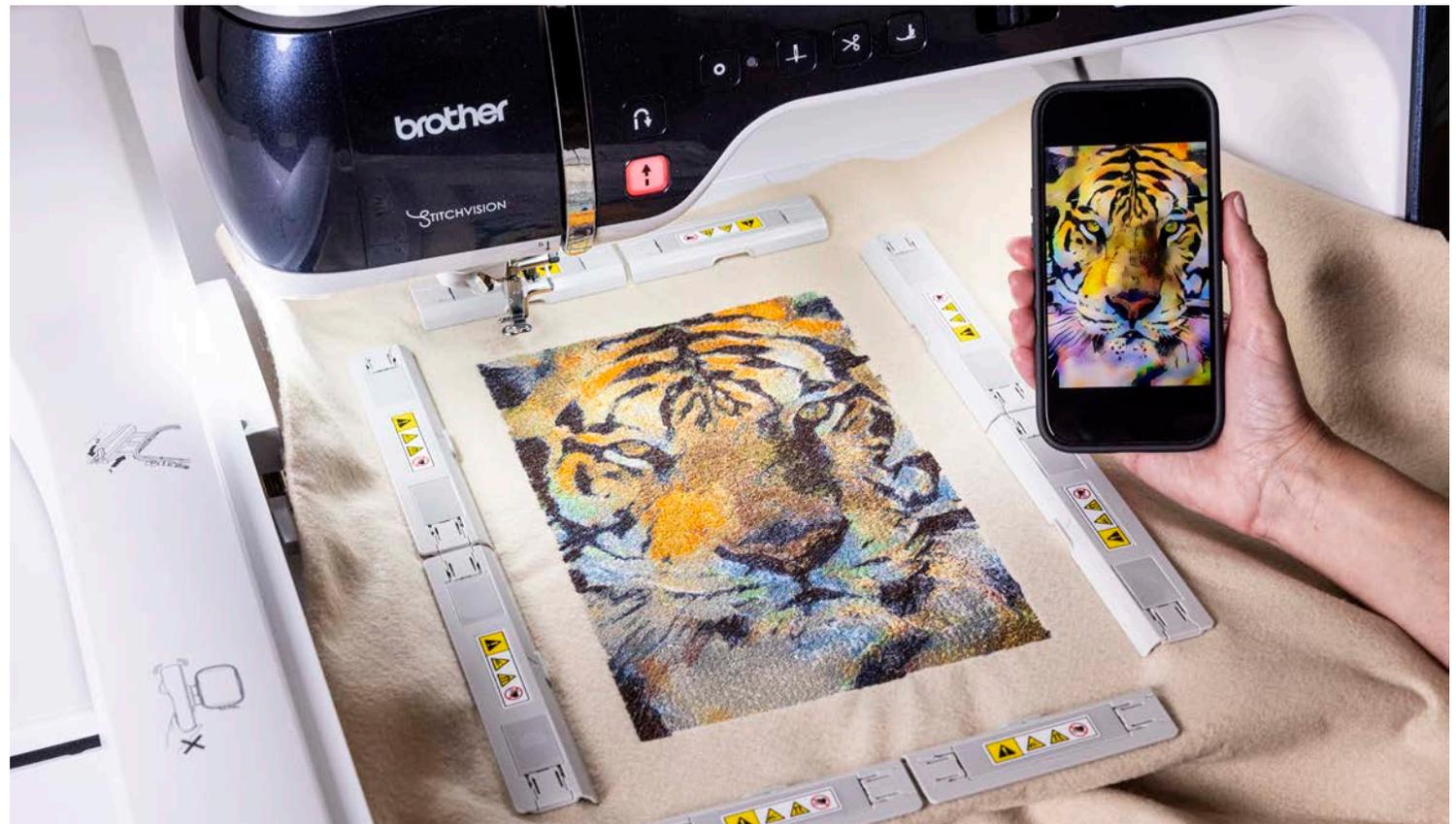
to an Aveneer
near you

- use motif and decorative stitches for background fills
- easy Trapunto quilt designs
- stamp enhancement
- multiple pattern selections
- project entire embroidery pattern by moving the frame
- operate the My Design Center drawing screen while embroidering
- detect your USB device every time the USB device is attached
- random fill – fit any of the included 54 decorative fill patterns to any closed shape
- import custom decorative fill patterns and line motifs that you've created in PE-Design 11.

*subject to change

Picture Play Embroidery Function – your images, your imagination

The Aveneer's patented AI image converter takes treasured photos and images and turns them into delicate works of thread art.



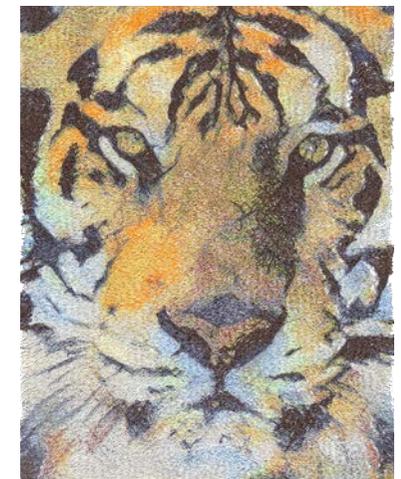
Use Brother's My Design Snap mobile app or USB to import the image you wish to convert into your machine and let the Picture Play Embroidery Function do the hard work for you. All you need to do is choose from one of the ten different styles of conversion – from Art Deco, Pencil Sketch, Stained Glass and more.



From photo



To conversion
(10 styles available)



To fabulous stitch out

The Aveneer – an embroiderer’s dream come true

Built with the advanced embroiderer in mind, the Aveneer will enhance your creativity, precision and experience. Combining innovative technology found nowhere else, overflowing with designs and an extra-large working area the Aveneer is the only creative partner you need.





Brother's biggest ever hoop

Let there be no bounds to your embroidery with the Aveneer's 465 x 297mm embroidery hoop, Brother's biggest ever. Let your creativity flow and connect large designs using the Aveneer's precision placement camera system.

Built with ergonomics in mind, this embroidery hoop has been redesigned with rubber plates on both sides for a superior grip on fabric, while the spring lever releases on both sides of the hoop enable easier, clamp-free hooping.

Included embroidery hoops:

- 465 x 297mm
- 272 x 272mm
- 180 x 130mm
- 100 x 100mm

More time stitching

The Aveneer's bobbin can now take 10% more thread, giving you more time to embroider (and sew, and quilt!) before your thread runs out. The independent bobbin winder gives you the freedom to wind bobbins whilst the machine is working on something else, making bobbin changes quick and easy.

Streamline your stitch outs

Multiple patterns? Large stitch outs? Streamline your embroidery stitch outs with the colour sorting function. The same thread colours are stitched consecutively, so there are fewer thread changes for you.



Infinite design possibilities

A multiverse of designs

Access a vast library of over 1,800 embroidery designs built into the Aveneer.

- **New patterns** – the Aveneer includes 110 new embroidery designs not available on any other Brother embroidery machine.
- **Split designs** – keep the creativity flowing over large interior design projects with seven split hoop embroidery designs that range from 721 x 383mm (28" x 15") to however large your project is.
- **Appliqué** – add depth to any project with four new appliqué patterns, including 3D flowers and fish.
- **Long stitch** – geometrically enhance any project with the 18 graceful long stitch patterns.
- **Embroidery fonts** – words come easily with Aveneer's 31 embroidery fonts, one of which is found on no other Brother embroidery machine.
- **Couching** – make your work pop with the included yarn couching attachment and 108 couching patterns and font.
- **Decoration frames** – finish your work in style with one of 140 decoration frames.





Magic made simple

For the young, and the young at heart, it's easy to add a magical touch to any project with the included 217 Disney embroidery designs and Quiltbroinery fills, of which 25 are completely new and unavailable elsewhere – this includes thirteen new Modern Mickey, six Vintage Mickey, an additional Pooh design, a new Princess design, two exclusive Pixar and two exclusive film motifs.





Experience the joy of sewing like never before

With fast stitching speeds, superior technology, a plethora of included feet and stitches, and a quiet motor, the Aveneer has been built with your comfort in mind.



Sew much choice

With over 800 utility and decorative stitches every stitch you sew will be perfectly suited to the project you're working on. Add rich detail with one of the 92 satin stitch patterns, always say the right thing with the 4 lettering fonts and easily add a touch of magic with the 10 included Disney stitches.

The Stitch Tapering function gives you the tools to add the professional touch. With the ability to combine stitches from the Aveneer's library, draw your own, and save them for later, there really is no limit to your creative ability.

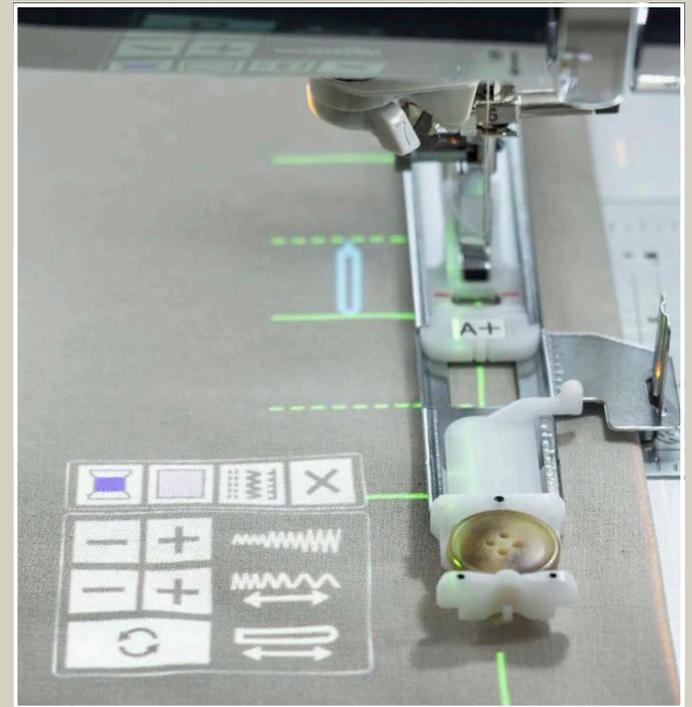
Happy feet

The Compact Digital Dual Feed Foot allows for smoother feeding and the ability to stitch thick, bulky fabrics with ease. Continual contact with the materials and adjustable belt feed ensures steady stitching, plus the ability to stitch forwards and backwards. The two included feet mean you can use the Compact Dual Feed Foot across a wider range of projects.

In addition, the Aveneer comes with over 15 presser feet, such as the monogramming foot N+ with new smoother coating for improved feeding, the zigzag foot, zipper foot, and the A+ lever-less buttonhole foot.

Work smarter

As standard the Aveneer comes with all the superior features like automatic thread cutter, auto feed dog lowering/raising, slide speed control, automatic threading... the list is endless!



Perfect buttonholes on every project

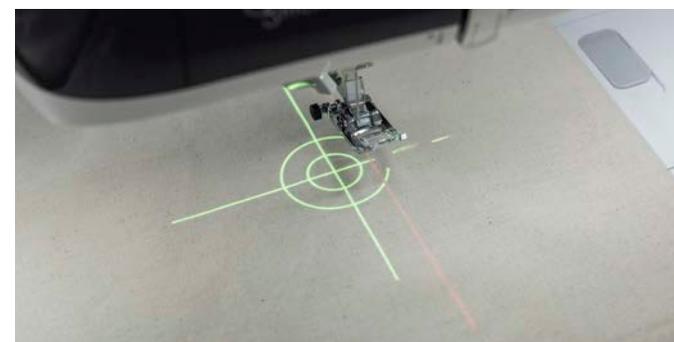
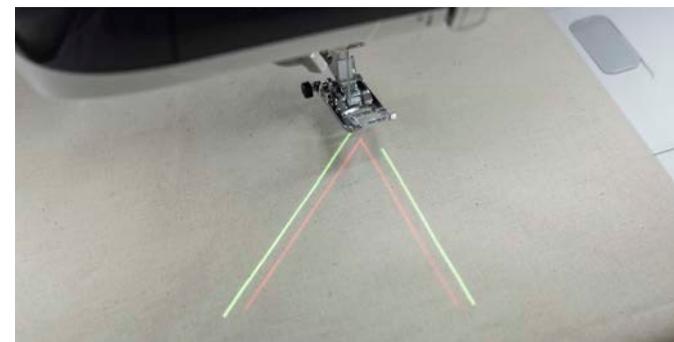
Exclusive to Brother, we bring you the projector-assisted Buttonhole Preview. Check the style, vertical or horizontal placement, and spacing of buttonholes straight onto the fabric.

There's no guesswork, as the camera automatically recognises the size of your button and determines the correct sewing size. Not happy with your choices? Edit them immediately with the sensor pen or using the touchscreen.

The clever lever-less system ensures there's no risk of thick fabric like fleece being caught and distorting.

Aveener – the quilter's companion

The Aveener has been built to quilt. From the largest workspace in the world, to futuristic technology, and the included free motion Intelligent Stitch Regulator this machine is the one quilting partner you'll always want at your side.



Let us guide the way

Use the StitchVision projector to beam guidelines directly onto your fabric. Project the pinpoint drop directly where you want your needle to start, making stitch placement and free-motion quilting so much more precise. Angled lines of 30 to 150 degrees have been added to the one action Straight Stitch needle plate. Perfectly place triangles, rectangles, squares, hexagons, diamonds and virtually any other shape hassle-free.

Easy switch needle plate

There's no need to use a screwdriver to switch between the straight stitch and normal sewing needle plate. One slide of the lever and the plate is removed.

Improved N+ foot

With a durable plastic coating, smooth feeding and even smoother alignment come as standard with the Aveneer.

Ergonomic Multi-Function Foot Controller

The included ergonomic Multi-Function Foot Controller allows for easy toggling between functions. It's been redesigned with an updated angle of the heel and the toe kick, which reduces the main pedal's spring load for easier stepping and load reduction.



Quiltbroidery – for the decorative touch

Make quilts like no one else with the Aveneer's Quiltbroidery capabilities. With five hexagons, five easy-to-connect two-colour sash designs, echo quilting, stipple and fill, and extra-definition triple sash-stitching your quilts will always be finished to perfection.

On the edge

There's no need for a space-eating long-arm to finish your quilt with the Aveneer's Edge-to-Edge quilt feature. With 15 patterns to choose from (or import your own), input your quilt's dimensions and the machine will auto-split the design for you – guiding you effortlessly through calculations, rows and rehooping.



Connected creativity with the Brother design ecosystem

Your creative progress is built on the shoulders of Brother's connected craft room. With app and software connectivity, use your Brother machines together for the most immersive creative experience.



Innovative design, innovative results

With powerful built in software, WLAN wireless connectivity and Brother's design apps, the Aveneer brings the future of design to your fingertips.



Artspira

Link your Aveneer with Brother's Artspira mobile app to unlock even more embroidery motifs and design potential, including conversion to cross stitch, portrait conversion and image to embroidery*. With Artspira's AR embroidery placement you'll literally see embroidery designs come alive before your eyes.

(*some Artspira+ premium features requires an additional subscription).

Artspira

More! More! More!

Link your Aveneer with Artspira and you'll gain access to seven bonus embroidery designs and three in-the-hoop projects – which are only available for our EV1 customers.



My Stitch Monitor app

Keep track of your embroidery with the My Stitch Monitor mobile app on your iOS or Android™ device. Walk away from your machine and be notified via your mobile device when you need to change threads or if your project has finished stitching.



Go wireless

Using a wireless mouse (not included) you can navigate the Aveneer's screen without having to touch or press. The mouse pointer will also give you icon information if you hover over it, so you'll never click on the wrong button again!

With wireless connectivity you can wirelessly transfer embroidery data with the free Design Database Transfer** program or with PE-Design 11 (additional purchase necessary). You can also receive update notifications and connect to multiple Brother apps.

My Connection

Cut out the USB - wirelessly send files between your Aveneer and ScanNCut DX***.

No need for cables, or wires! Using the My Connection feature you can easily transfer your favourite embroidery data to be cut on your ScanNCut DX***. Want to stitch out cutting data? Now you can! Transfer from your ScanNCut DX and retrieve in My Design Center.

**Only for Windows desktop devices

***Only ScanNCut DX compatible models

Take your creativity further

With these included accessories that come
as standard with your Aveneer EV1.

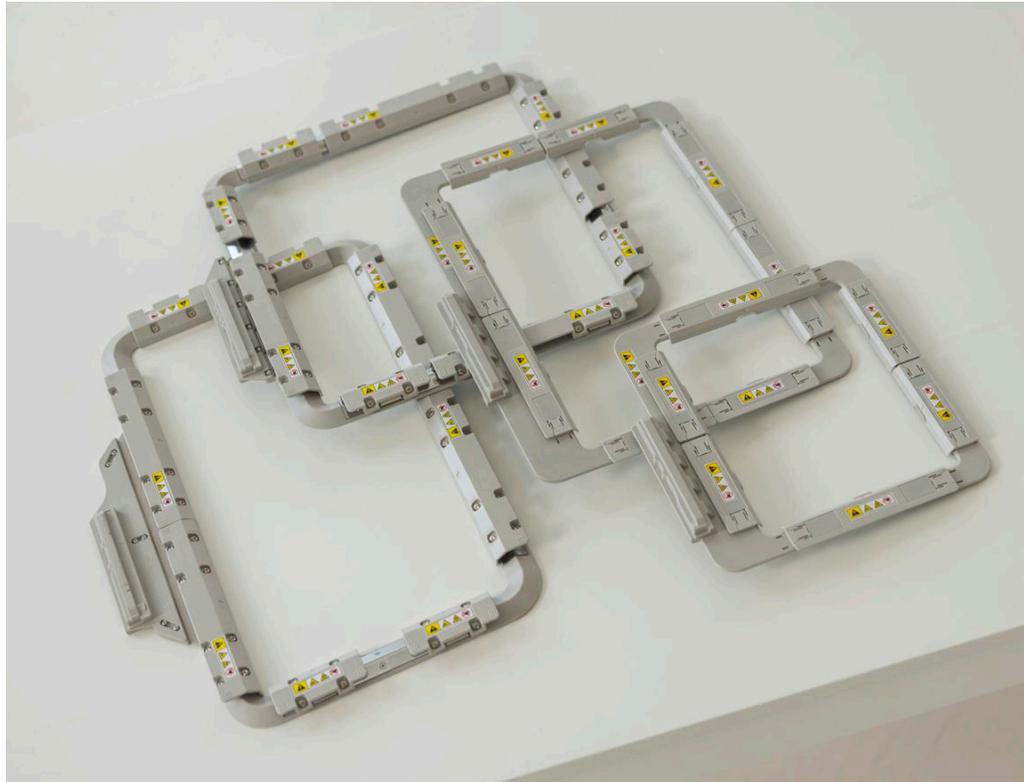


To see the full list of
included accessories,
please scan here



The only limit is your imagination

There's no limit to your creativity with these optional accessories available for your Avener EV1 (additional purchase required).



Magnetic frames

Hoop thick materials with ease. Avoid fabric shifting and quickly rehoop the fabric when connecting designs or fabric on the frame for the next area to be embroidered.

Choose from the following sizes of hoops:

360 x 180mm

300 x 180mm

254 x 254mm

180 x 130mm



Sewing wide table (WT18)

Want to go further than you've ever gone before? Expand your workspace to a universally beating 708 x 406mm. The Avener Wide Table can be used in conjunction with the integral embroidery support table to give you the largest, steadiest workspace you've ever experienced – perfect for free motion quilting, interior design projects and large, bulky sewing.

AVENEER EV1

The future at
your needle tip



Find out more about
the EV1 here



For more information contact your dealer or visit sewingcraft.brother.eu

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