

brother[®]
at your side

Innov-is I

The number one sewing
and embroidery machine



Innov-is I

With advanced features for the most
creative and demanding enthusiast.

- Camera eye technology
- 21.5cm screen with ultra fast processing
- New lighting system for true-to-life colours
- Largest ever workspace
- Unique intuitive controls
- Added ways to personalise your projects



Innovation just found a beautiful new home



In the Innov-is I, Brother has crowned 100 years of sewing excellence with its most advanced machine yet.

For sewing enthusiasts, it's the perfect workmate, giving you ultimate scope to apply your creative ideas with the most technically complete and user-friendly machine you can buy.

There are so many wonderful benefits and tools to discover, right from the start:

- An ultra fast processing speed to let you find, edit and preview your designs quicker than ever before
- A new natural lighting system to show your projects in their true bright colours, all across the sewing area
- An expansive workspace, plus an embroidery arm
- Innov-is Continuous Automatic Pressure Sensor (ICAPS) which continuously detects the fabric thicknesses while sewing, and automatically adjusts the presser foot pressure for beautiful, precise, even stitching throughout your project.



You'll be amazed by what the Innov-is I offers in new features, many to make your work as easy and pleasurable as possible, and others which will transform the way you think about sewing itself, such as Print and Stitch and wider crafting capabilities.

The best view in the world



The Innov-is I is a revolutionary machine, with an intelligent camera eye giving you a magnified, pin-sharp view of your sewing area. At the touch of a button, it shows you your exact needle drop position – before you sew.

Think how easy that makes it to combine decorative stitch patterns and turn any stitch pattern into a precisely aligned border. With our amazing Camera eye technology, you can clearly see the sewing area, allowing more precise and accurate sewing, you can make virtually anything – except mistakes. Sew professional looking designs and seams with the stitch width sensor.

Outstanding features

- Positions your embroidery designs precisely where you want
- Automatically centres the starting position in your hoop
- For edge sewing, the advanced sensing technology sets your stitch width automatically
- Easy to align embroidering positions using the built-in camera
- Magnified view of needle position allows precise needle placement in those hard to see areas – especially useful when attaching buttons and making button holes.





Using the Innov-is I is an experience like no other. It is just packed with features to make light work of even the most complex projects.

Take the automatic needle threader, which on this model is now advanced to an electrical version. And the Automatic Fabric Sensor System, which continuously senses the fabric thickness as you sew and adjusts the thread tension and presser foot pressure for beautiful, precise stitching.

Brother is unique as well for its presser foot lever, which allows you to choose the most appropriate foot clearance – and thus your favourite fabric, whatever the thickness.

More refinements than any other machine, including:

- Four way spool pin (two horizontal and two vertical) – double the norm
- Smooth multi-directional feed. Enables you to sew straight stitch in 8 directions and zig-zag in 4 directions without turning the fabric. Especially useful for patchwork and those hard to reach areas.
- 7 point feed dog for smooth and even sewing – again, the most teeth on the market
- A quick-set bobbin – just drop in the bobbin and you are ready to sew
- An independent bobbin winding system with new adjustable speed function – wind a new bobbin while you sew
- My custom stitch™ - the freedom to create your own style directly on the screen

The biggest, brightest workspace

The Innov-is I is light years ahead of the market. Having eight powerful LED lamps emitting full spectrum lighting for the ultimate in clarity and true-to-life colour. The unique diffusing lens creates a 25cm pool of light around the needle.

Look at the space you have, too! Over 12.5cm deep and 25cm wide, it's the best ever from Brother. With a roomy 323cm square to work in, it's never been easier to handle large items such as quilts or jackets. And the same goes for your most expressive sewing and embroidery.

Outstanding features

- Unique LED lighting produces the brightest, and most natural colours
- Wide dispersion of light is angled to give you maximum illumination all round the needle
- Attaching the embroidery arm gives even more space to sew
- Adjust the lighting between five levels of brightness, including off mode
- New easy to use jumbo hoop lets you embroider designs up to 30cm by 20cm
- New accessory case designed to fit within the arm of the Innov-is I





Innov-is I

Features and functions



Extra large embroidery area 300 x 200mm

Create even bigger embroidery designs.
Adds flexibility and impact to your designs.



Automatic electronic
needle threading.

Threading the needle is
so simple, at the touch
of a button.



Lighting

Natural surround lighting system
with light adjusting function



Quick-set bobbin

Just drop in a full bobbin and
be ready to sew immediately



7 Point feed.

Extra teeth for smoother feeding,
helping to create superior stitch quality

ICAPS

Innov-is Continuous Automatic Pressure
Sensor (ICAPS) continuously detects
fabric thicknesses while sewing and
automatically adjusts the presser foot
pressure for beautiful, precise, even
stitching throughout your project.



Slide control adjusts speed from slow to fast and can be programmed to alter stitch width.

The customised speed control allows you to program the stitch width so you can create your own zigzag patterns while you sew..



2-pin spool stand

Detachable large 2-pin spool stand for large spool thread delivery or easy twin needle sewing.



Independent bobbin winding with adjustable speed.

Wind a new bobbin while you continue to sew.



Extra large touch screen.

Simply touch the screen to select embroidery patterns, stitches, powerful editing functions, help and video tutorials.



Knee Lift

Free up your hands by using the knee lift to raise/lower the presser foot.

Ideal for working on larger projects such as quilts.

3 position setting for greater comfort.



3 USB Ports (2 host and 1 slave)

Send embroidery designs directly to/from your PC. Connect USB devices such as memory sticks, HD drives, memory card reader/writer.



The perfect touch

– a screen as wide as your imagination



One of the most outstanding features of the Innov-is I is the new full colour TFT touch screen – a full 21.5cm across with WGA high resolution and an ultra wide angle view.

The most user friendly machine ever! – and foremost in terms of its display icons and easy-to-follow functions. The touch-screen interface lets you choose and edit any pattern to create the most sophisticated designs. And the familiar Brother icons are still intuitively placed but have a fresh 3D look.

With its 160 degree viewing angle, you can view the screen comfortably from any angle or position, even standing away – all with little or no colour shifting. So the designs you are working on are always crisp and clear to help you achieve perfect results.

Outstanding features

- Large screen size 21.5 cm diagonally
- High resolution WGA screen
- 260,000 colours
- Extra wide 160 degree viewing angle.
- Ultra fast processing speed allows you to find and edit your designs quicker than ever before.
- Instant realistic previews of designs in sharp detail.
- User friendly control via the easy touch screen icons. Use either your finger, stylus or the USB mouse provided.
- Screen saver. Choose from the built-in screen saver or upload your favourite photographs and images to create your own slide show.

Expand your horizons with Print and Stitch



Who else but Brother could enable you to combine printed images with precision embroidery to create your own original works of art? Think of the possibilities – family and holiday photos, pets, or any subjects you choose.

Embroidery patterns can be combined with printed backgrounds that are built into the Innov-is I, or create your own print and stitch data with the optional personal embroidery design software PEdesign 8

Outstanding features

- Unlimited possibilities to apply your ideas and skills – T shirts, nightwear, cushions, quilts, wallhangings...
- Precision embroidery every time using the intelligent camera
- Creates three dimensional embroidered designs on any printable fabric



The **Innov-is I** is the ultimate machine on the market for sewing, quilting, embroidery including crafting – four styles integrated into a single product to match all your dreams and talents.

You can do anything with the many built-in embroidery patterns – combine them, change their size, rotate them, repeat them and edit them any way you wish, all there on the screen.

You can also create your very own stitch patterns just by pointing and clicking.

If you can imagine it, the **Innov-is I** will help you create it. There's almost no limit to its ability to speed up your sewing, save you time and effort, improve your results and open new doors to your sewing experience.

Just waiting to be used

- Appliqué creator – for rich, full colour appliqués, even on badges and medallions
- Paper punching capability – turn off the thread sensor and create cards or objets d'art
- Dozens of exclusive decorative borders, monograms and stitch patterns to make your own
- Embroider multicolored designs in a single colour thread with no interruption

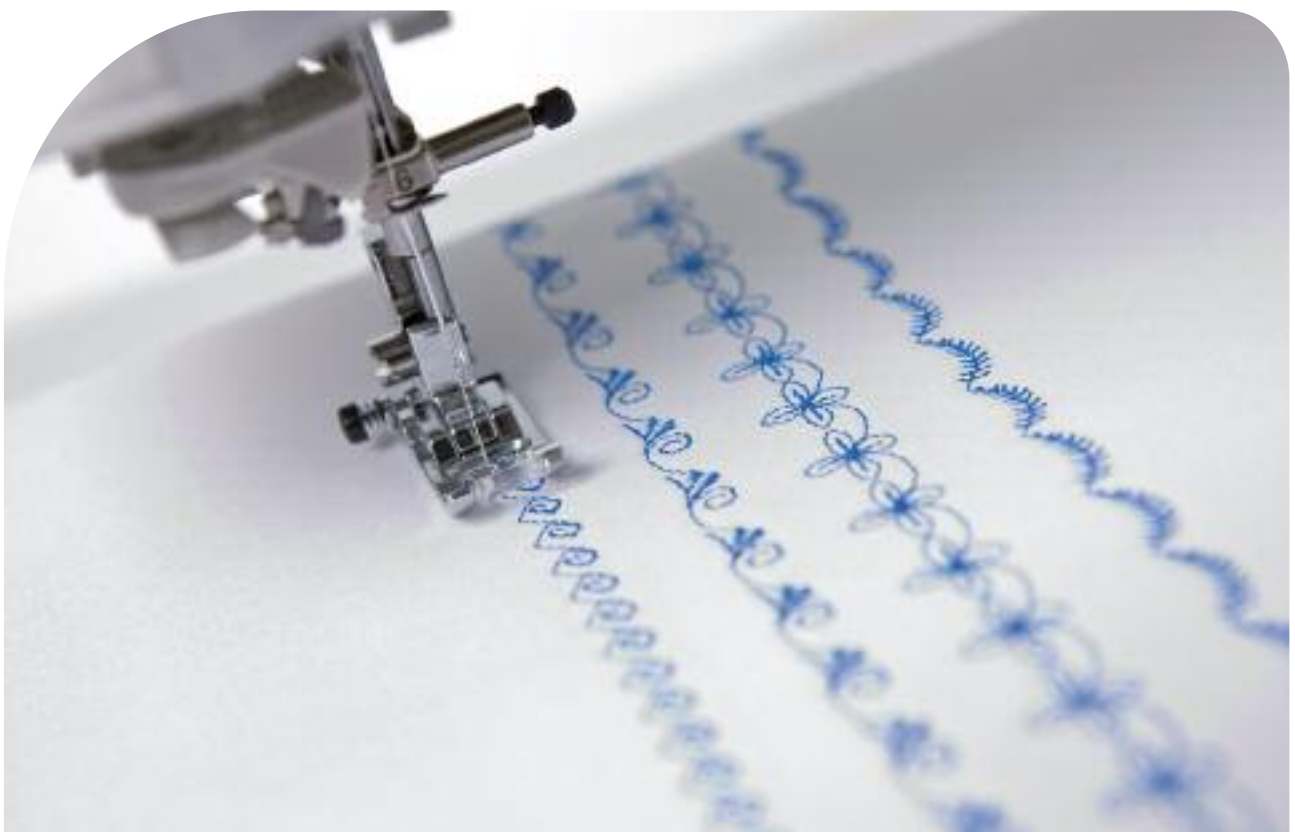
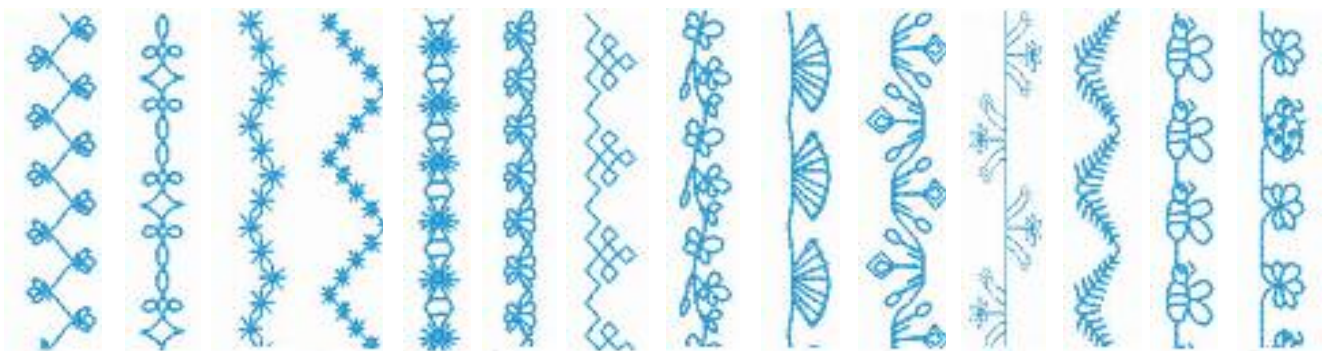
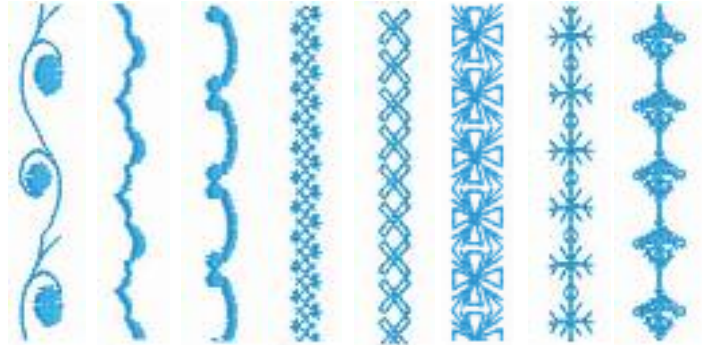
Hundreds of decorative and utility stitches all built in...

Over 1800 built-in stitches.

Including:

- 3 fonts with a total of 918 alphabetical characters*
- Decorative stitches - 786 stitches
- Utility stitches - 148 stitches
- Total - 1852 stitches

*Each character can be stitched in two sizes

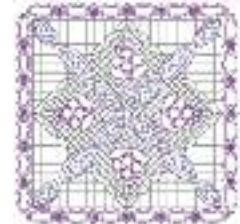
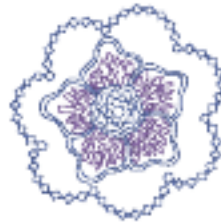


and as many patterns featuring exclusive new designs

As with everything about the Innov-is I, the choice is there - and it's yours! The Innov-is I comes complete with hundreds of built-in patterns with many large and truly distinctive designs.

First, classic Swiss embroideries from the early 20th century, ideal for heirloom sewing projects.

Quilt design



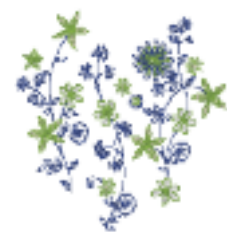
Add beautiful embellishments to your sewing with these popular vintage inspired patterns.

Vintage design



Or choose the more contemporary European designer patterns, perfect for fabulous fibre art.

New European design



Or perhaps you'd prefer to create monogrammed items using a set of initial patterns from an established Japanese embroidery collector.

30 Exclusive initial Patterns



And with Asian inspired fashion so much in vogue, take a look at the wonderful Kanji characters, exclusively made by a Japanese calligraphy artist.

Japanese design



Optional extras...

Border Frame

This border frame simplifies the process of making beautiful borders.

Used in conjunction with the built-in software in the Innov-is I, you can create continuous border patterns from the stunning built in designs.



Table and free motion grip

Expand the work area with an easy to attach, extra wide extension table that is perfect for large quilting and sewing projects.

This table also offers an on-board ruler for those last minute measurements, a storage area for your knee lifter and Free-Motion Grip to give you added control and visibility for your projects.



Ten Spool Thread Stand

This 10-Spool Thread Stand snaps securely in place on to your machine to provide 10 vertical spool pins for thread delivery or bobbin storage. Allows easy access to frequently used thread colours.

Place your threads in the proper colour sequence for your next embroidery, quilting or sewing project.

The spool pins can easily be removed to accommodate a variety of spool sizes.



Embroidery card reader

The Embroidery Card Reader will read Brother's extensive library of *embroidery cards.

Simply connect the card reader via the USB port and you can send designs directly to the Innov-is I

* Not compatible with Disney memory cards.



What's in the box

- Zigzag foot "J" (on machine)
- Monogramming foot "N"
- Overcasting foot "G"
- Zipper foot "I"
- Buttonhole foot "A"
- Blind stitch foot "R"
- Button fitting foot "M"
- Walking foot
- Side cutter foot
- Straight stitch foot
- Free motion quilting foot "C"
- Free motion echo quilting foot "E"
- Free motion open toe quilting foot "O"
- Embroidery foot "W"
- Vertical stitch alignment foot "V"
- Needle set
- Twin needle
- Ball point needle set
- Bobbin
- Seam ripper
- Scissors
- Cleaning brush
- Eyelet punch
- Screwdriver (small)
- Screwdriver (large)
- Disc-shaped screwdriver
- Spool cap (small)
- Spool cap (medium) (One is on machine)
- Spool cap (large)
- Spool stand See page 9
- Bobbin clip
- Spool felt
- Spool net
- Embroidery needle plate cover
- Touch pen (stylus)
- Knee lifter
- USB cable
- Alternate bobbin case (no colour)
- Straight stitch needle plate
- Cord guide bobbin cover (with single hole)
- Bobbin cover (with mark)
- Edge sewing bobbin cover
- Foot controller
- Embroidery frame set (small)
- Embroidery frame set (medium)
- Embroidery frame set (quilt)
- Embroidery frame set (extra large)
- Embroidery bobbin thread
- Embroidery positioning stickers
- Edge sewing sheet (Black/Dotted pattern)
- Stabiliser material
- Grid sheet set
- Chalk pencil
- USB mouse
- LCD cleaning cloth
- Soft cover
- Embroidery unit carrying case
- Accessory case
- Operation manual
- Quick reference guide

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