Advanced

Meridian

Embroidery Machine

Raise the bar for what's possible with your embroidery projects with the Baby Lock Meridian. It makes embroidery easier than ever thanks to IQ Technology™ that allows you to wirelessly transfer images to your machine from your smart device using the IQ Intuition™ Positioning App for perfect design placement in the hoop or design creation in IQ™ Designer.

- IQ Intuition™ Positioning
- 9-1/2" x 14" Embroidery Field
- IQ™ Designer
- 10.1" LCD
- 494 Built-in Embroidery Designs

baby lock

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The New Trajectory on Your Creative Journey

IQ™ Technology

Baby Lock machines come with features that make sewing easy no matter what you want to create. These innovative features powered by Baby Lock IQ™ Technology, work with the "brain" of your machine to achieve the results you desire. Taking your creative journey with IQ Technology makes it easy to bring your vision to life.

App download required for Android and iOS smartphones.

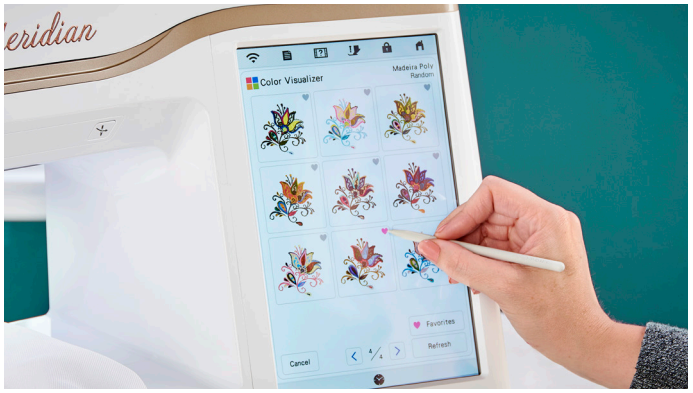
IQ Intuition™ Positioning App

Use the IQ Intuition Positioning App to take a photo of your fabric in a special hoop and transfer it wirelessly to the Meridian. The image will display onscreen in lifelike color and sharp resolution, allowing you to position your design exactly where you want it, how you want it – every time.

9-1/2" x 14" Embroidery Field
Stitch bigger embroidery designs and enjoy less re-hooping with a large embroidery field.

IQ™ Designer
Create your own embroidery designs with ease. Take a photo with the IQ Intuition Positioning App and wirelessly transmit it to the Meridian! Draw directly on the screen, or if you're feeling inspired by an existing art file, simply upload it to the Meridian through the USB drive. Your art will be instantly digitized with the colors and fill stitches you choose.

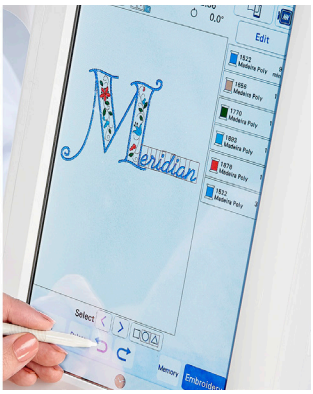
Wireless Capability
Use your favorite embroidery design software like Palette (version 11 or higher, sold separately) to wirelessly transmit your designs from your computer to Meridian.



Color Visualizer
Choose from random, vivid, gradient and soft, and watch as your design is transformed in an array of color combinations. Tag your favorite color combinations, then select your favorite from the finalists.

Needle Beam
Know exactly where the needle will drop every time with a brilliant LED pointer on the included embroidery foot. There's no more guesswork.

494 Embroidery Designs
You'll always have something to embroider with Meridan's huge selection of built-in designs that includes 200 exclusive designs from Baby Lock. The design library features large thumbnails to make finding the right match even easier.



Redo/Undo in Embroidery Edit and IQ Designer
Want to go back to an earlier version of your creation? Made a mistake? Change your mind? Meridan has a redo/undo feature that takes care of it with just the push of a button.

Meridian Included Accessories

- Touch pen (stylus)
- Embroidery foot with LED pointer
- Soft canvas cover for machine with 3 storage pockets
- Bobbin center pin
- Embroidery bobbin thread
- Bobbins (10)
- Embroidery Positioning Stickers (4-Sheets of 64)
- Lens calibration sheet for use with the positioning app
- Seam ripper
- Needle set
- Scissors
- Cleaning brush
- Screwdrivers
- Spool caps (5)
- Spool felt and Spool nets (2)
- Embroidery needle plate cover,
- IQ Intuition Embroidery hoops and grids included:
    - 9.5" x 14" (240mm x 360mm)
    - 5" x 7" (130mm x 180mm)

Features and Specifications

Technology Features

- WXGA,IPS Color LCD Touchscreen
  - Shows 16,777,216 colors
  - Measures 10.1" diagonally
  - Displays Clock and Date
- Use IQ Intuition Positioning app to
  - Precisely place embroidery designs
  - Transmit images to create designs in IQ Designer
- Mpeg-4 movie/video play function
  - Video display size 6.2" diagonally
  - Exclusive 1GB Memory Storage for video
- IQ™ Designer
  - Image on the LCD screen can be magnified up to 800%
  - Will automatically create an embroidery pattern from a JPEG image
  - Drawing area is 3-3/4" x 5-11/16" (96mm x 145mm)
  - 90 Preloaded open, closed and region shapes
  - Able to select different line colors and fill colors
  - 6 Different stitch patterns: running, bean, satin, no outline, chainstitch, and candlewicking
  - 18 Different fill patterns: regular fill, no fill, stipple inside or around a shape, and 15 decorative pattern fills
  - Duplicate and paste editing preloaded shapes
  - Adjust line, fill and stippling width, length and density properties
  - Undersewing options
  - Outline stamp shape creation for Trapunto techniques
- LED Needle Beam for precision alignment of embroidery designs
- Color Visualizer with pinnable color selections and favorites
- Enhanced Stadium Lighting for 50% brighter true color LED lighting on the needle and work area with 5 settings
- 2 USB drives (Type A) USB 2.0 drives to connect a mouse, flash drives, hub and CD-ROM drives
- Precise tracking system on embroidery carriage
- NeverMiss™ Automatic Advanced Threading System
- Automatic sensors
  - Thread tension control makes tension adjustments for accurate stitches
  - Upper and lower thread sensors on/off
  - Upper and lower thread sensors to alert when threads run out
  - On-screen hoop sensor to recommend size of hoop
- Embroidery speed up to 1,050 spm
- Resume mode
- Programmable shutoff capabilities
- Eco power mode

Embroidery Features

- 494 Embroidery designs built-in including
  - 200 Baby Lock exclusives
  - 10 Floral Redwork Designs
  - 10 Border Designs
  - Font Embellishments (32 total)
  - 15 Buttonhole embroidery designs in 3 sizes (45 total)
  - 15 Buttonhole embroidery frame designs
  - 160 Large decorative stitch designs

- 140 Frame combinations
- 30 font styles including
  - Exclusive script alphabet and characters (70 total)
  - Large floral block alphabet (30 total)
  - Calligraphy alphabet and characters (81 total)
  - Large vine alphabet in two sizes (60 total)
  - Large floral alphabet in two sizes (64 total)
  - Monogram alphabet (30 total)
- Embroiders up to 14” x 9.5” (360mm x 240mm) embroidery field
- Memory capacity approximately 10MB
  - Reads embroidery designs with a stitch capacity of up to 700,000 stitches per design
- WXGA, IPS Color LCD Touch Screen shows
  - Design placement using drag/drop and slide/scroll capabilities
  - Enhanced Realistic Preview
  - Design previews can be enlarged 200%
  - Needle positioning grid selections
  - Needle position image can be enlarged 200%
  - Estimated embroidery time display and stitch count
  - Needle advancement (1, 10, 100, or 1000 stitch increments or entire color)
  - Measurements displayed in inches or millimeters
  - Color separation
  - Thread color indicator
  - On-screen hoop size indicator
  - Low bobbin thread indicator
  - 300 color names
  - Screen saver customization
  - Thumbnail images viewed at 150% the normal size
- 9-Point trial checkpoints
- Starting point key for instant alignment of characters or patterns
- Customize embroidery pattern and thumbnail back ground colors (66 options)
- On-screen grid
- Cuts jump stitches (with on/off capability)

Embroidery Editing Capabilities

- Combine embroidery designs on screen
- Character/text array function
- Character spacing
- Multi-line text with justification options
- Character insert and group edit capabilities
- 0.1°, 1°, 10°, and 90° pattern rotation
- Enhanced design enlargement (up to 200%) and reduction (down to 60%) capabilities
- Design duplication
- Multiple design selection capabilities
- Automatic appliqué
- Automatic basting
- Add stippling set distance around embroidery designs
- Mirror imaging
- Change color selections within designs
- Enhanced color sorting to optimize sewing order
- Monochrome option for embroidery designs

Convenient Features

- 11.25" Workspace to the right of the needle
- Quick-Set, top-loading bobbin with sensor
- Quick-Set independent bobbin winding system with variable speed
- Automatic thread cutter (with on/off capability)
- Auto presser foot lift

Instructional Help and Resources

- Built-in Operational Guide with help topics and built-in videos
- Built-in Help Messages
- Embroidery Stitch Count System - SCS
- Capability to save settings screen images
- Multiple Language conversion capabilities

Warranty

- Warranty (25 years limited, 10 years parts, 5 years computer circuit, 5 years electrical, 1 year labor)
- Love of Sewing Membership

Optional Accessories

- IQ Intuition embroidery hoops:
  - 9.5" x 14" (240mm x 360mm) (EF95S)
  - 9.5” x 9.5” (240mm x 240mm) (EF97S)
  - 5" x 7" (130mm x 180mm) (EF75S)
  - 4" x 4" (100mm x 100mm) (EF74S)
- Standard embroidery hoops:
  Note: Standard hoops are not recognized by the positioning app.
  - 8” x 12” (200mm x 300mm) hoop (EF92)
  - 8” x 8” (200mm x 200mm) hoop (EF91)
  - 6” x 6” (150mm x 150mm) hoop (BLMA-150)
  - Continuous Border Hoop 4” x 12” (100mm X 300mm) (BLMA-CBH)
  - 1" x 2-1/2" (20mm x 60mm) hoop (EF73)
- Trolley Set (BLMTXL-BK)
- Palette 11 (ECS11)
- Thread stand (holds 10 spools) (BLMA-TS)

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