— BABY LOCK —

Solaris™ VISION

Sewing, Embroidery, and Quilting

CREATE YOUR VISION

The future of creativity has arrived with the Solaris Vision sewing, embroidery, and quilting machine. The Solaris Vision's built-in IQ Visionary™ Projector vividly displays stitches and embroidery designs on your fabric for perfect placement. Choose from numerous built-in designs or use the IQ™ Designer and IQ Intuition™ App to create your own designs by drawing, scanning or wirelessly transmitting. Make your quilting visions a reality using the large 10-5/8" x 10-5/8" hoop perfect for quilt blocks and the beautiful built-in patterns for edge-to-edge quilting. The Solaris Vision is truly the future of sewing.

IQ Visionary™ Projector	10-5/8" x 16" Embroidery Hoop	IQ Intuition™ Monitoring	IQ™ Designer	End Point Setting for Sewing

baby lock

FOR THE LOVE OF SEWING

BabyLock.com

Solaris VISION
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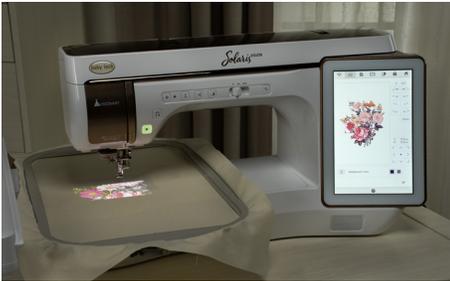
IQ Visionary™ Projector- Precise Embroidery Placement
While in embroidery mode, choose from three different projection backgrounds (black, grey or white) based on fabric choices to see your design clearly. The needle drop laser is displayed in a point or a "T" pattern for an even more precise placement.

IQ Visionary- Perfect Sewing Placement
The Solaris Vision uses a variety of guideline markers and grids for perfect placement. While in sewing mode, switch between three different laser colors (red, green and white) for better visibility based on fabric choices.

10-5/8" x 16" & 10-5/8" x 10-5/8" Hoop Sizes
The 10-5/8" x 16" (272mm x 408mm) hoop is Baby Lock's largest hoop yet. It makes it possible to stitch out your biggest embroidery designs with fewer rehoopings. The 10-5/8" x 10-5/8" (272mm x 272mm) hoop size is perfect for quilt blocks.

Stitch Tapering
Match your project's sharp angles or create mitered corners with Solaris Vision's Stitch Tapering function. With 12 angle settings, three ending methods, and 20 decorative stitches, you can customize a variety of sewing projects.

IQ™ Designer and IQ Intuition™ Positioning
Create your own designs and quilt motifs with ease. Draw directly on the screen, scan in your favorite artwork, upload an existing file using a USB drive, or wirelessly send artwork to your machine from your smart phone using the IQ Intuition Positioning App. Your art will be instantly converted for embroidery!

End Point Setting for Sewing
Achieve perfect stitches using the built-in camera and end point sewing stickers. Simply place the sticker where you want your stitch to end, activate the end-point sewing feature and sew with confidence!

Edge-to-Edge Quilting
Create beautiful edge-to-edge quilting projects using the 10 built-in patterns. Enter a few measurements, select a hoop, specify flip options, and the Solaris Vision sets up your entire quilt. The on-screen instructions and design projections guide you every step of the way for quilts measuring up to 118" x 118".

13" to the Right of the Needle
With an unprecedented 13" to the right of the needle for an impressive 65 square inches of workspace, Solaris Vision gives you plenty of room to comfortably work on larger projects and full-size quilts.
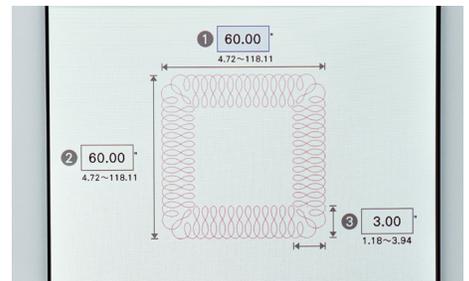
Enhanced Quilt Borders and Sashing
Create beautiful quilt borders and sashing with unmatched precision using the 30 patterns and two shapes. Enter a few measurements, and the Solaris Vision does the necessary calculations for you. The on-screen instructions guide you every step of the way for quilts measuring up to 118" x 118".

Large-connect Embroidery Patterns
Embroider large, stunning patterns in three connecting segments using the camera to precisely align each segment.
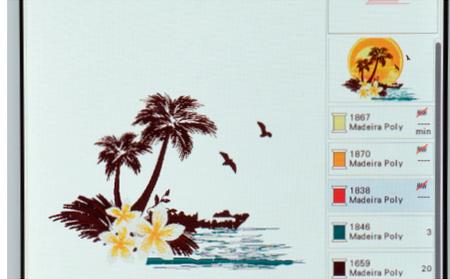
Deselect Region (No Sew Setting)
Deselect regions of a design to preview and stitch the design with fewer colors.

Long Stitch Embroidery Patterns
Stitch unique, decorative designs with long, overlapping stitches.

Fill Couching Alphabet
Stitch dimensional couched letters, characters and designs.

Quilting Around an Embroidery Pattern
Add stippling, echo quilting, or any of the 48 Decorative Fill patterns from IQ Designer around a selected design. Line spacing, distance and frame size are all easily adjustable.
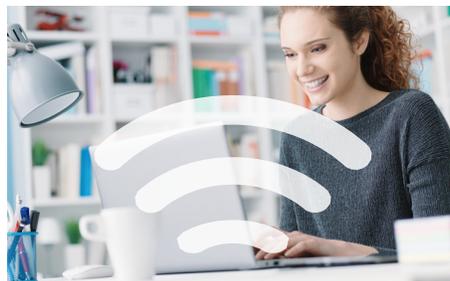
Wi-Fi Enabled
Wi-Fi enabled for optional download of update files, apps, and design transfer with Design Database Transfer or Palette 11 (optional purchase).

Technology Features

- WXGA IPS TFT LCD Color Touch Screen Technology
- Mpeg-4 movie/video play function
- IQ Visionary™ Projector
- Projects your embroidery design in a 3" x 5" (7.6 cm x 12.7 cm) area
- Advance and select stiches from projection using the Dual Function Stylus
- Select background color from projection using Dual Function Stylus
- Set width, length and left/right shift
- Projection of Guide Beam, Grid and Needle Beam for precision alignment of stitches
- NeedleCam™ Digital Camera for embroidery and sewing positioning with faster scanning
- Precise Touch Positioning™ using NeedleCam
- Camera detecting buttonhole foot with stabilization plate
- IQ™ Designer with paper holding frame for image scanning
- 2 scanning modes
- Enhanced Stadium Lighting for 13" area of brighter true color LED lighting on the needle and work area with 5 settings
- 2 (Type A) USB 2.0 drives
- SD Card Slot
- Wireless Wi-LAN Function
  - Directly download update files to machine
  - IQ Intuition™ Monitoring
  - IQ Intuition™ Positioning
  - Design Database Transfer
  - Palette 11 pattern transfer to embroidery and IQ Designer
- NeverMiss™ Automatic Advanced Threading System
- Digital Dual-Feed System
- Advanced Pivoting Feature and Automatic Fabric Sensor System
- Automatic sensors
- Embroidery and sewing speed up to 1,050 spm
- Precise tracking system on embroidery carriage
- Resume mode for Embroidery and IQ Designer
- Programmable shutoff capabilities
- Eco power mode
- Advanced Multi-Function Foot Control

Embroidery Capabilities

- 901 built-in embroidery designs
  - 355 Baby Lock exclusives
  - 35 Sewlebrity designs
  - 15 Buttonhole embroidery designs in 5 sizes
  - 15 Buttonhole embroidery frame designs
  - 244 Large decorative stitch designs
  - 30 Quilting Border Patterns in 3 categories
  - 40 Couching patterns
  - 5 Large-connect designs
  - 10 Motif designs
  - 10 Long-stitch designs
  - 6 Large applique designs
- 140 Frame combinations
- 38 font styles
- Embroiders up to 10 5/8" x 16" (272mm x 408mm) embroidery field
- 10 5/8" x 16" hoop has new locking mechanism and silicone side grips for slip-free fabric support
- Memory capacity approximately 10MB
- Reads embroidery designs with a stitch capacity of up to 750,000 stitches per design and 127 color changes
- Color Visualizer with favorite color selections
- WXGA IPS TFT Color LCD Touch Screen showing numerous features
- 9-Point trial to check position
- Starting point key for instant alignment of characters or patterns
- Alternate bobbin case for pre-wound bobbins
- Customize embroidery pattern and thumbnail background colors (66 options)
- On-screen grid
- Cuts jump stitches (with on/off capability)
- Embroidery frame clearance setting for easy bobbin changes
- Embroider without removing the foot control
- Compatible with optional W+ Needle Beam Foot and mouse

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
- Change fonts on letters or words after the design is set
- 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 automatic stippling, echo stitching, and decorative fill patterns around embroidery designs
- Mirror imaging
- Change color selections within designs
- Enhanced color sorting to optimize sewing order
- Monochrome option for embroidery designs
- Programmable custom thread color selection
- 14 Major thread brands color palettes built-in

Advanced Sewing Capabilities
- 1514 Built-in stitches including
  - 184 Utility including 15 one-step buttonhole styles and 1 four-step custom buttonhole
  - 527 Decorative
  - 79 Decorative satin
  - 20 Satin
  - 21 Cross
  - 63 Combinable Utility stitches
  - 3 Hand-look Quilting
  - 20 Tapering stitches
- 4 Built-in alphabets
- 40 Quilting stitches offer 57 needle position options
- Stitch length 0.0mm - 5.0mm
- 2 Basting stitch options: Regular 5mm and free-motion
- Maximum Utility stitch width 7mm
- Utility stitch editing capabilities
- 5 Memory settings for each Utility stitch
- Decorative stitch editing capabilities
- Sew Utility and Decorative stitches while embroidery arm is attached
- Specify end-point for stitch line with capability to end with a completed pattern
- Stitch taper for specifying start and end angles of a select category of stitches
- Dual Feed Foot
- Automatic drop feed on screen
- Lock key for Utility and Decorative stitches
- Reinforcement priority settings
- Lateral and diagonal feeding
- Variable needle positions
- Fully automatic built-in darning
- Twin needle settings

Convenience Features:
- Larger sewing bed and workspace with 13.1" to the right of the needle
- Frosted surface finish on machine bed
- Convenient one-touch buttons for
  - Start/Stop
  - Reverse sewing
  - Reinforcement key
  - Needle up/down
  - Thread cutter
  - Automatic presser foot lift
  - Automatic needle threading
- Sewing speed control doubles as width control
- Quick-Set, Top-Loading bobbin with sensor
- Quick-Set Independent bobbin winding system
- One finger removable needle plate for easy access cleaning
- Ergonomic 3-position, adjustable knee lift with extra high presser foot lift - 10mm Automatic and 13mm Manual
- Programmable 3-step needle up/down
- Adjustable volume with 5 settings
- Automatic thread cutter (with on/off capability)
- Needle plate with scale in inches and centimeters and additional guideline markings
- Free arm
- Foldable king two-spool thread stand attaches magnetically to machine lid
- Two accessory storage compartments in sewing tray
- Enhanced Accessory Storage Box with 3 interchangeable trays

Instruction and Help Resources
- Built-in Instructions and Reference Manual
- Built-in Operational Guide with up to 40 help topics
- 48 built-in videos
- Built-in Sewing Application Guide
- Built-in Help Messages
- Embroidery Stitch Count System – SCS
- Capability to save settings screen images

Downloadable Software
- Your Solaris will stay current with future upgrades/ updates via USB or WLAN connection

Additional Information
- Language conversion capabilities (12 languages)
- Machine Hoop required space clearance 32" from front to back
- Warranty (25 years limited, 10 years parts, 5 years computer circuit, 5 years electrical, 1 year labor)

Included Accessories:
- Dual Stylus and Holder
- Fine-tipped stylus
- Adjustable knee lifter with 3-position handle
- Advanced multi-function foot controller
- 17 Presser feet
  - 1/4" Quilting foot with a guide
  - Blind stitch
  - Button fitting
  - Camera Detecting Buttonhole with stabilization plate
  - Couching Dual Feed Sole
  - Compact Digital Dual-Feed System
  - Embroidery foot "W"
  - Embroidery couching Y
  - Free-motion echo
  - Free-motion open toe quilting
  - Free-motion quilting
  - General purpose zigzag
  - Advanced monogramming N+
  - Overcasting
  - Straight Stitch
  - Zipper
- Easy-lock accessory case for presser foot storage with 3 interchangeable trays
- 2 Thread king spool stand for larger cones
- Straight stitch needle plate
- Bobbin case and cover for embroidery
- Bobbin Covers with and without markings
- Alternate bobbin case for use with pre-wound bobbins
- Bobbin center pin
- Embroidery bobbin thread
- Bobbins
- Embroidery Positioning Stickers (2 Sheets)
- White needle calibration stickers
- Multi-position screwdriver
- Presser foot adaptor
- Seam ripper
- Scissors
- Eyelet Punch
- Spool nets (2)
- Foot control
- Twin needle
- Scanning frame with magnets
- Embroidery hoops
  - 10-5/8" x 16" (272mm x 408mm)
  - 10-5/8" x 10-5/8" (272mm x 272mm)
  - 5" x 7" (130mm x 180mm)
  - 4" x 4" (100mm x 100mm)
- Yarn guide for sewing couching
- Yarn guide for embroidery couching
- Yarn threader
- End-point stickers (4 sheets, 243 stickers per sheet)

Optional Accessories:
- Magnetic frame (BLSA-MH10)
- Magnetic sashing frame (BLSA-MH)
- Magnetic frame (EMF180)
- Palette 11 (ECS11)
- Solaris Extension Table (BLSA-ET)
- Solaris Foot Kit (BLSA-FTKIT)
- Love of Sewing Membership (LOSML1)
- Plus more

The Baby Lock Experience

Service
We provide the highest quality products and services, and can meet your needs better than anyone else.

Education
We provide you with a comprehensive library of education and training so you'll always have something to learn.

Support
You can rely on Baby Lock for the support you need to get the most out of your machine.