Valiant

10 Needle Embroidery Machine

Show your true valor and adventurous spirit with the new multi-needle machine from Baby Lock. It's the perfect choice when you're looking for industrial power in a home embroidery machine. And while the Valiant is easy to use it excels at creating even the most intricate embroidery

10				
Needle Machine	7-7/8"x 14" Embroidery Hoop	HD, LCD Touchscreen	IQ™ Designer Embroidery Creation	Perfect Positioning

Valiant Optional Accessories

Optional Jumbo Frame
The optional 14" x 14" (360mm x 360mm) hoop is great for jumbo designs on projects such as quilt blocks or jacket backs. (ENJF)

Continuous Border Hoop
4" x 11-3/4" (ENBF)

Quilt Hoop
8"x 8" (ENF200)

4" Round
(ENRF100)

5" Round
(ENRF130)

6" Round
(ENRF160)

Palette Embroidery Software Command Center
Managing production has never been easier! The optional Palette Software (version 9 or higher) becomes the command center for your embroidery projects and provides the ability to link up to four Baby Lock multi-needle machines. Each machine linked through Palette (version 9 or higher) can embroider the same or different designs. Additionally, no command center is complete without a Koala Embroidery Studio.

Love of Sewing Membership
The Love of Sewing Membership will help you get the most out of your Baby Lock Valiant machine. Enjoy four years of unlimited access to sewing tutorials, comprehensive service and unique savings opportunities.

Wide Cap Frame Set
14" x 2-3/8" (ENCFS)

Extension Table
(ENTABLE)
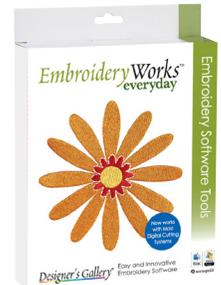
Designers Gallery EmbroideryWorks Everyday
(EDG-EWEL)

- Embroidery Stand (ALSTAND)
- Embroidery Table (ENTABLE)
- 14" x 14" (360 mmx 360 mm) Jumbo Embroidery Frame (ENJF)
- 4" x 11-3/4" (100 mm x 300 mm) Border Hoop (ENBF)
- 7-7/8" x 11-3/4" hoop (200mm x 300mm) Flat Frame (BMP-FF)
- 7/8" x 1-3/4" (24 mm x 45 mm) Clamp Frame Straight Set (ENCLFS1)
- 7/8" x 1-3/4" (24 mm x 45 mm) Clamp Frame left and Right Set (ENCLFS2)
- 4" x 4" (100 mm x 100 mm) Clamp Frame (ENCF100)
- Compact Frame Set –included 4 frames (ENCOMFS)
- 7-7/8" x 2-3/4" (200 mm x 70 mm) Sleeve Frame (ENSF)
- 8" x 8" (200 mm x 200 mm) Embroidery Hoop (ENF200)
- 4", 5" & 6" Round Frame Set (ENRFS)
- Embroidery Frame holder "C" (ENRF-ARMC)
- Metal Bobbins (BMP-BOB)
- External Bobbin Winder (EPBW1)
- Embroidery Positioning Stickers (BLSO-EPS)
- Wide Cap Frame (ENCF)
- Advanced Cap Frame 2 Set (EPCF3)
- Advanced Cap Frame 2 (EPCF-B)
- Mouse

Valiant Key Embroidery Features and Specifications

Semi-Industrial Features

- 10 needles - 1 position for each needle
- Maximum embroidery speed -1,000 stitches per minute
  - High speed acceleration for embroidery
- Maximum embroidery fill stitching speed -1,000 stitches per minute
- Embroiders up to 7-7/8" x 14" (200mm x 360mm) embroidery field or optional 14" x 14" (360mm x 360mm) frame using Palette Software
- LCD Maximum reading capacity:
  - 500,000 stitches, or 127 color changes

Technology Features

- Color LCD Touch Screen IPS (TFT)
  - Shows 16,777,216 colors
  - Measures 10.1" diagonally
- NeedleCam™ Digital Camera for perfect embroidery positioning
- NeedleCam™ Digital Camera for embroidery and sewing positioning with 5X faster scanning, 3X higher resolution
- Precise Touch Positioning™ using NeedleCam
- Live Camera Positioning
- Color Touch Screen shows:
  - Design placement using drag and drop capabilities
  - Estimated embroidery time display and stitch count
  - Embroidery progress bar
  - Needle advancement (1, 10, 100 or 1000 stitch increments)
  - Measurements displayed in inches or metrics
  - 200% Design magnification on screen
  - Color separation
  - Thread color indicator
  - On-screen hoop size indicator shows standard and optional hoops
  - Stitch simulator
  - Thread warning indicator
  - 300 color names
  - Screen saver customization
  - Customizable mouse pointer
- 2x faster CPU processing speed
- Mpeg-4 movie/video play function
- Exclusive Memory Storage for video
- Software/Connectivity - 3 USB drives
  - 2 (Type A) drives, version 2.0 connects with flash drives , CD-Rom drives, mouse, and hub
  - 1 (Type B) USB direct connect to a PC
  - 1 SD card connection capability
- Linking capabilities allow up to 4 machines to connect to Palette 9 or later software through a powered hub
- Reads multiple formats (PES, PEC, DST, PHC)
- Upgradeable through USB connection

IQ Designer - Free Update 11/2016

- Image scanning frame with magnets
- On-screen drawing capabilities
- Automatically create an embroidery pattern from a JPEG image

- 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, chain stitch, and candlewicking
- 13 Different fill patterns: regular fill, no fill, stipple, and 10 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
- 2 scanning modes
  - Fine- For illustrations
  - Standard- For line drawings

Customizing Features

- Built-in embroidery designs
  - 120 Designs
  - 100 large decorative stitch designs
  - 10 Buttonhole embroidery designs in 3 sizes (30 total)
  - 10 Buttonhole embroidery designs in 3 sizes (30 total)
- 41 Fonts including
  - Baby Lock exclusive script
  - Large floral alphabet
  - Large block alphabet
  - Greek letters
  - Line alphabet
  - Renaissance alphabet
  - Striped alphabet
  - Vintage alphabet
  - Vine alphabet
  - Greek applique alphabet
  - Block alphabet
  - 3 Monogram fonts and 15 frame designs
  - 140 Frame combinations
- Combine embroidery designs on screen
- Character/text array function
- Character spacing
- Multi-line text
- 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
- Needle forward and reverse position placement (1, 10, 100 or 1,000 stitch increments)
- Intuitive forward and reverse placement by touchable progress bar and direct number input
- Design duplication (up to 20 times in both directions)
- Enhanced design grouping /ungrouping allows designs or letters to move as a group
- Color Visualizer with pin-able color selections
- Direct Spool Selection to change color selections within designs
- Continuous border capabilities
- Automatic appliqué
- Automatic basting
- Automatic stippling, set distance around embroidery designs
- Mirror imaging

- Enhanced color sorting
- Monochrome option for embroidery designs
- Short stitch delete
- Instant needle edge placement with 9 starting and 9 ending positions
- Thread color display in 6 options
- Custom color displays in 3 options:
  - Original Palette, Custom Palette 1, Custom Palette 2
- 4 Included embroidery hoops:
  - 7-7/8" x 14" (200mm x 360mm)
  - 5-1/8" x 7-1/8" (130mm x 180mm)
  - 4" x 4" (100mm x 100mm)
  - 1-1/2" x 2-3/8" (40mm x 60mm)
- Hoop sensor advises hoop size for design chosen
- Hoop display shows hoop options on-screen based on frame holder chosen
- Stitch simulator previews design on screen
- On-screen count and running time system

Convenience Features

- 5 LED lights with dimming settings to illuminate work area
- LED spool stand lighting aids in thread placement and lights for thread spool warning
- Built-in memory (10MB) stores embroidery designs to the machine's memory
- Bobbin system: front loading, vertical rotary hook
- Push button, automatic needle threaders
- Upper thread breakage sensors
- Manual tension controls
- Automatic thread trimmer (upper and lower)
- Needle bar/frame move key extends the hoop for easy access to the design while still attached to the machine
- Oiling Key automatically places the race in the correct position for oiling
- Start/Stop button with lock feature
- On-screen speed control
- Uses pre-wound bobbins
- Choose units of measure (in. or mm.)
- Built-in stylus holder
- Support Features
- Built-in operation guide with videos
- Built-in help messages
- Auto save feature - automatically saves last design when power is turned off or a power failure occurs
- Shipping weight (130 lbs. or 59 kg.)
- Machine weight (94 lbs. or 42.5 kg)
- Warranty (25 years product casting, 5 years circuit boards, 5 years electrical, 2 year parts, 1 year labor)
- Ask your Baby Lock Retailer about The Optional Love of Sewing Membership (BMV10-LOSM)

Nancy Zieman
Host of PBS Show
Sewing With Nancy

When I have an idea for a project and it calls for embroidery, the right tools make all the difference. The new Valiant is certainly the tool for the job with built-in features like a digital camera, NeedleCam™, which gives you a zoomed in view to aid in perfectly placing that design.

And, when I want to preview my design in different color ways, Color Visualizer shows me my options.

If you're an embroidery enthusiast like myself or if you're looking to start a home business, the Valiant has it all.

Nancy Zieman

Nicci Brazzell
The Monogram Shoppe
Educator, Designer, Blogger

Sewing is not only my passion, it's my business. With the Baby Lock Valiant I have the confidence that my embroidery designs on specialty textiles like vinyl, leather and silk are going to be 'dead-on' the mark. The Valiant's precision and 10-needle technology means endless possibilities for my embroidery projects. It all comes with the incomparable service and support of Baby Lock.

Nicci Brazzell

10 Needles Means More Opportunity

The Baby Lock Valiant 10-needle machine allows you to take on even more designs and projects. With 10 needles, there are no more tough choices between quantity and quality. You can accomplish a multitude of projects with any design from the simplest to the most sophisticated.

10.1" TruView™ IPS TFT LCD Screen in HD

The Valiant's high-definition, 10.1" TruView™ IPS (TFT) LED Screen brings embroidery designs to life with over 16 million vivid colors. Adjust thumbnails and magnify on-screen designs up to 200% to easily spot a design flaw before stitching. Personalize your screen saver, upload images and photos, plus use the Mpeg-4 movie/video function to spark more ideas.

NeedleCam™ Digital Camera

The NeedleCam™ Digital Camera lets you see from the needle's point of view, so you know exactly where the needle will drop. Also, you can use the Perfect Positioning stickers included with your Valiant to place every design with extreme precision.

5 LED Lights

The 5 LED lights help illuminate your work area and also come with dimming settings to create your perfect workspace.

The Art of Embroidery

Edit Designs On Screen

With the Valiant's editing features, you can combine, reposition, resize, rotate, mirror embroidery designs and watch as the changes instantly appear on the LCD screen. Alter design elements individually, or group them to easily move or edit them collectively. Quickly increase embroidery designs 200% or shrink them to 60% of the original size and your stitches are automatically recalculated.

LED Spool Stand Lights

The Valiant has many features built in to help you concentrate on the art of embroidery instead of the mechanics. The 10 LED spool stand lights help keep your thread colors coordinated, and signal when a spool needs to be changed. Plus, the push-button needle threader makes thread changes effortless.

3 USB Drives:
- 2 Type A
- 1 Type B
- SD Card Slot

With USB connectivity, you can easily import designs to your machine from a computer or flash drive.

Color Visualizer

Choose from random, vivid, gradient and soft and watch as your design is transformed in an array of color combinations. Have a favorite color in mind? Pin it to the Color Visualizer, and the Valiant will be sure to use it in the next set of color suggestions.

4 Hoops

The Baby Lock Valiant comes with four embroidery hoops:

7-7/8" x 14" (200mm x 360mm)

5-1/8" x 7-1/8" (130mm x 180mm)

4" x 4" (100mm x 100mm)

1-1/2" x 2-3/8" (40mm x 60mm)

Front-Loading Bobbin System

The convenient bobbin system with a front-loading, vertical hook means you can change bobbins without having to remove your embroidery hoop.
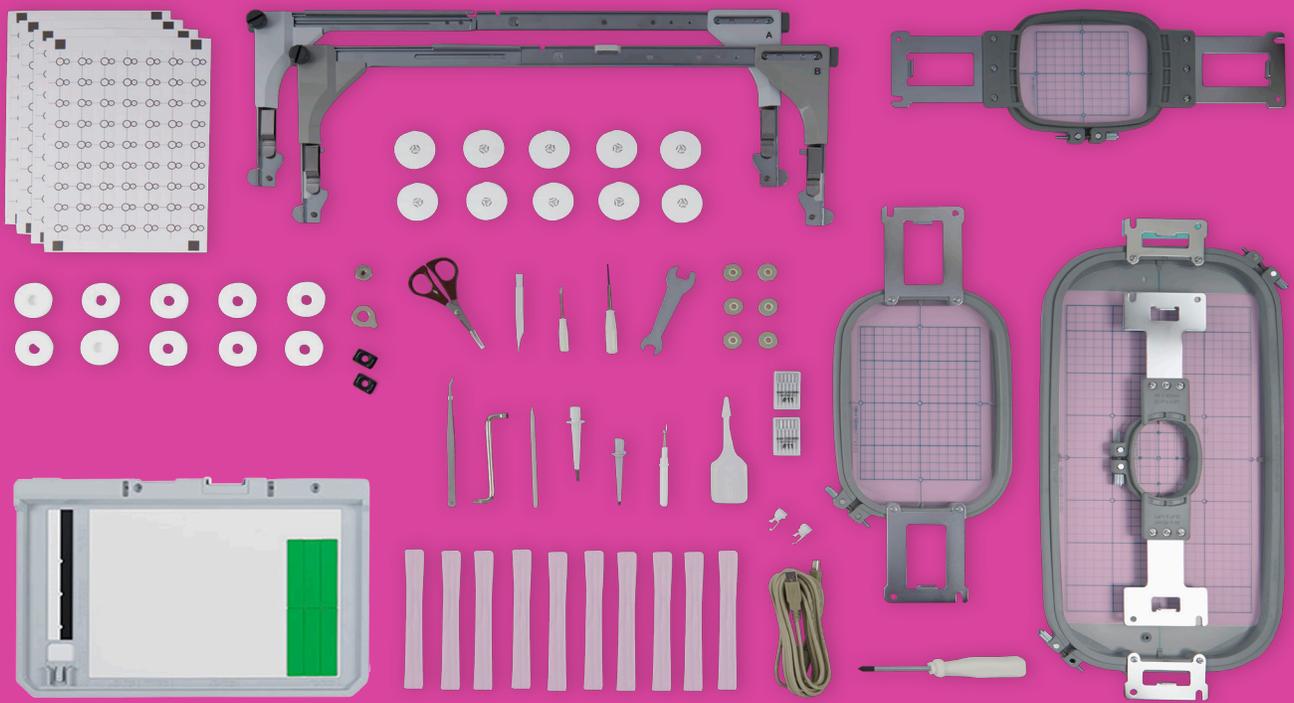
Valiant Included Accessories

- Touch pen (stylus)
- Accessory Case (not pictured)
- Pre-wound bobbins
- USB cable
- Seam ripper
- Scissors

- Tweezers
- Screwdrivers
- Spool caps
- Oiler
- Cleaning brush
- Embroidery Positioning Stickers

- Embroidery frame holder "A"
- Embroidery frame holder "B"
- Scanning frame and magnets
- 4 Embroidery hoops with grids

More Production – Faster Speed

1,000 Stitches Per Minute
Embroidery finishes fill faster than the blink of an eye. You'll love the estimated embroidery time display stitch count, embroidery progress bar and stitch simulator.

120 Built-in Embroidery Designs
Choose from more than 120 built-in embroidery designs then rotate, merge, color sort, group and more all on screen.

2X FASTER PROCESSOR

On-Screen Text Editing
With Multi-line text, character spacing, grouping and character insert capabilities designing with the 41 included fonts has never been smoother.