



Ellisimo

Discover what makes the Ellisimo such a truly amazing sewing and embroidery machine – not just in terms of the fastest, most advanced technology, but with exclusive features that provide you with the utmost precision and detail.

Technology Features

- TruView™ WVGA LCD Color Touch Screen in HD



- Shows 260,000 colors
- Measures 8.5" diagonally
- 160 degrees for optimum viewing
- NeedleCam™ Digital Camera for perfect embroidery and sewing positioning



Embroidery Capabilities

- Built-in embroidery design library
- 533 Embroidery designs built-in
 - 302 Baby Lock exclusives including 39 Nancy Zieman designs
 - 120 Frame combinations
 - 16 font styles including
 - Exclusive script alphabet characters (74 total)
 - Large Floral Alphabet
 - Greek Alphabet
- Embroiders up to 8" x 12" (200mm x 300mm) embroidery field
 - Memory capacity 2MB
- Reads embroidery designs with a stitch capacity of up to 500,000 stitches per design
- TruView™ WVGA HD Touch Screen shows:
 - Design placement using drag and drop capabilities
 - Estimated embroidery time

Embroidery Editing Capabilities

- Combine embroidery designs on screen
 - Character/text array function
 - Character spacing
 - 1°, 10°, and 90° Pattern rotation
 - Design enlargement (up to 20%)
 - Design reduction (up to 10%)
 - Design duplication
 - Automatic appliqué
 - Automatic basting
 - Mirror imaging
 - Change color selections within designs
 - Color sorting on border designs
 - Monochrome option for embroidery designs
- Programmable custom thread color selection
 - Print and stitch capabilities

Advanced Sewing Features

- Stadium Lighting™ for brighter true color LED lighting on the needle and work area



- 3 USB drives; 2 (Type A) drives, 2.0 and 1.1 connects with a Mouse, Hub, Floppy drives, Flash drives and CD-Rom drives and 1 (Type B) USB direct connect to a PC



- Increased CPU Processing Speed
- NeverMiss™ Automatic Threading System

- display and stitch count
 - Needle advancement (1, 10, or 100 stitch increments)
 - Measurements displayed in inches or metrics
 - Color separation
 - Thread color indicator
 - On-screen hoop size indicator
 - Low bobbin thread indicator
 - 300 color names
 - Screen saver customization
- Embroidery speed up to 1,000 spm
 - 8-point trial check points
 - 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)
 - Resume feature
 - On-screen grid
- Cuts jump stitches (with on/off capability)
- Embroider without removing the foot control

Convenient Sewing Features

- Larger sewing bed and workspace equaling 50 square inches
- Convenient One-Touch Buttons for
 - Start/Stop
 - Reverse sewing

- 682 Built-in stitches including
 - 148 Utility including 15 one-step buttonhole styles and 1 four-step custom buttonhole
 - 355 Decorative
 - 79 Decorative satin
 - 20 Satin
 - 17 Cross
 - 63 Combinable Utility stitches
 - 3 Built-in alphabets
 - 29 Quilting stitches offer 57 needle position options
 - Stitch length 0.0mm – 5.0mm
 - Basting stitch length of up to 30mm
 - Maximum Utility stitch width 7mm
 - Utility stitch editing capabilities
 - 5 Memory settings for each Utility stitch
 - Decorative stitch editing capabilities
 - Edit and combine Character Decorative stitches
 - 20 memory Pockets for Character/Decorative stitches equaling 800KB
 - Satin stitch elongation
 - Edge sewing capabilities using Needle Cam™ Digital Camera
 - Sew Utility and Decorative stitches while embroidery arm is attached
 - Automatic drop feed
 - Mirror-image



- Automatic Embroidery Positioning
 - Advanced Pivoting Feature and Automatic Fabric Sensor System
 - Automatic thread cutter (with on/off capability)
- Quick-Set, Top-Loading bobbin with sensor
- Quick-Set Independent bobbin winding system with variable speed
 - 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

- Needle up/down
 - Thread cutter
- Automatic presser foot lift
- Automatic needle threading
 - Sewing speed control
- Ergonomic 3-position, adjustable knee lift with extra high presser foot lift
 - 10mm Automatic and 13mm Manual
- Programmable 3 step needle up/down
- Needle plate with scale in inches and centimeters
- Electronic foot control with separate power cord
 - Free arm
 - Two accessory storage compartments
- Downloadable software from www.babylock.com

Additional Information

- Language conversion capabilities (12 languages)
- Warranty (25 years limited, 10 years parts, 5 years computer circuit, 5 years electrical, 1 year labor)
 - Optional Gold Standard Comprehensive Care Program
 - Optional embroidery hoops
 - Extra Large 6 1/4" x 10 1/4"

- Lock key for Utility and Decorative stitches
 - Lateral and diagonal feeding
 - Variable needle positions
- Fully automatic built-in darning
 - Twin needle settings

Included Accessories

- Adjustable knee lifter with 3-position handle
- Baby Lock digital USB mouse
 - Touch pen (stylus)
 - LCD cleaning cloth
 - USB cable
- 18 Snap-on presser feet
 - Buttonhole
 - Embroidery
 - Overcasting
 - Monogramming
 - Zipper
 - Zig zag
 - Blind stitch
 - Button fitting
 - Walking
 - Free-motion quilting
 - Free-motion open toe quilting
 - Echo quilting
 - Straight stitch
 - Side cutter
 - Blind stitch (with guide)
 - Narrow hemmer
 - Cording (with 3 cord guide)
 - Vertical stitch alignment foot

- Access designs stored in folders when using USB type A
- Embroidery and sewing speed up to 1,000 spm

Downloadable Software

Your Ellisimo will stay current with future upgrades via USB connection

- (160mm x 260mm)
 - Large 5" x 7" (130mm x 180mm)
 - Continuous Border Hoop (100mm X 180mm)
 - Optional 1GB Flash Drive
- Optional Thread Stand (holds 10 spools) (BLSO-TS)
- Optional 16" x 23 3/4" Extension Table and grip (BLSO-ET)
- Optional Embroidery Card Reader (BLECR)

Instructional and Help Resources

- Built-in Operational Guide with 11 built-in videos
- Built-in Sewing Application Guide
 - Built-in Help Messages
- Embroidery Stitch Count System – .SCS

- Accessory case for presser foot storage with interchangeable trays
- Soft canvas cover for machine with 3 storage pockets
- Carrying case for embroidery unit
- 2 Thread spool stand for larger cones
 - Straight stitch needle plate
- Alternate bobbin case for use with pre-wound bobbins
 - Bobbin center pin
 - Embroidery bobbin thread
 - Bobbins
 - Cord guide bobbin cover
 - Seam ripper
 - Twin needle
- Embroidery hoops and grids included
- Extra large 8" x 12" (200mm x 300mm)
- Square 8" x 8" (200mm x 200mm)
- Medium 4" x 4" (100mm x 100mm)
- Small 1" x 2-1/2" (20mm x 60mm)
 - Plus more