



LUMINAIRE 3
Innov-is XP3

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THE ULTIMATE IN SEWING, EMBROIDERY & QUILTING

Built to Be as Brilliant as Your Creativity

• Enhanced StitchVision Technology

Preview, audition, and edit your designs and stitches directly on your fabric in a 125 x 75mm virtual preview area† through an intelligent projection of light. Project a guideline marker line and grid on your fabric material to light your path with precision, ideal when creating multiple rows of stitches, parallel stitching, pin tucks, or decorative stitches.

• Large 408 x 272mm Embroidery Area

Create larger-than-life embroidery with ease. Frames feature rubber plates on both sides for a superior grip on fabric, while an ergonomic spring lever release enables easier, clamp-free hooping. Included frames: 100 x 100mm, 130 x 180mm, and 408 x 272mm, and 272 x 272mm.

• Yarn Couching and Ornate Long Stitch Technique

Fill in alphabet characters using yarn to give it a 3D effect. Upper case (approx. 750mm tall), lower case, numbers, and all characters are resizable for even more flexibility. Choose a geometric enhancement with one of the 10 Long Stitch patterns, which resembles string art with long stitches layered to create a unique embellishment.

• Large 10.1" Built-in High-definition LCD Display with Capacitive Technology

View the 1,554 built-in embroidery designs, including 192 Disney designs, and more, on the large 10.1" LCD colour display with capacitive technology. The intuitive touch screen works like a tablet with familiar sliding, swiping, scrolling, and pinch-to-zoom for viewing detailed steps, categories, and designs.

• Mobile Apps to Connect Wirelessly

Be alerted on your mobile devices when it's time to change thread or your project is complete with the My Stitch Monitor app¹. The My Design Snap mobile app¹ lets you wirelessly transfer images to My Design Center from your smart device.

• My Connection Feature

When connected to a wireless network, the communicative My Connection feature will let the Luminaire 3 and select ScanNCut DX machines talk to one another so you can send files back and forth between both devices for added efficiency.

• Enhanced Accessory Feet and Multi-Function Foot Controller

The Compact MuVit Digital Dual Feed Foot allows for smoother feeding and the ability to stitch thicker fabrics with ease. Included with the 16 accessory feet are a Monogramming Foot N+, Zigzag Foot, and Embroidery Couching Foot. An improved Multi-Function Foot Controller allows for easy toggling between functions with an updated angle of the heel and toe kick, and reduces the main pedal's spring load for easier stepping and load reduction.

• Enhanced My Design Center

Enjoy the incredible enhancements of the Brother-exclusive My Design Center, which include including six new decorative fill patterns (for a total of 48), a 10-key input for sizing for better design editing, and a numbering system for stamp shapes for valuable referencing. A new fine-tip stylus pen is included for better drawing in My Design Center.

• Edge-to-Edge Quilt Feature

No need for a long arm as this feature lets you finish your quilt-top right on your Luminaire 3, even with a 100 x 100mm hoop! There are 10 patterns to choose from, and the easy-to-follow instructions walk you through the calculations, rows, and rehoopings. Complete king-sized quilts on your machine without the use of a long arm!

• Stitch Tapering Function and Large Connect Embroidery Designs

Use the Stitch Tapering function to add a professional taper to jeans, tops, and home décor. When it comes time to go big on your next embroidery project, the five large connect embroidery designs are a great starting point. Select from ornate flowers, birds, and other elaborate designs that range from 721mm x 383mm (28" x 15").

Basic Features

Accessory Storage	•
Adjustable Presser Foot Pressure	•
Adjustable Screen Brightness	•
Automatic Thread Cutter	•
Branded Series	Disney
Built-in Languages	•
Built-in Memory	•
Display Type	LCD
LCD Display Size	10.1"
Feed Dog Points	7
Lighting Type	LED
Needle Position Key (Up/Down)	•
Needle Threading System	Automatic
Presser Foot Leveling	•
Quick Set Bobbin	•
Realistic Preview	•
Screensaver	•
Stitch Selector Type	Touch Panel
Thread Sensor	Bobbin Sensor, Upper Thread Sensor
Thread Sensor On/Off	•
UL/CSA Listed	•
Wide Table Included	–
Workspace Area	272 x 408mm
Wireless LAN	•
Multi-Function Foot Controller	Advanced

Embroidery Features

Adjustable Embroidery Speed Settings	•
Adjustable Design Icon Size Setting	•
Appliqué Creator Function	•
Automatic Feed Thread Cutting	•
Built-in Alphabet Fonts	28
Total Built-in Embroidery Designs	1,554
Built-in Embroidery Disney/Pixar Designs	192
Built-in Non-Disney Patterns	1,362
Colour Shuffling Function	•
Computer Connectivity	•
Curved Text On-Screen Editing	•
Drag and Drop Editing	•
Embroidery Position Marker	•
Frame Designs: Shapes	10
Frame Designs: Stitches	14
InnovEye Technology	•
Maximum Embroidery Area	408 x 272mm
Maximum Embroidery Speed (Stitches Per Minute)	1,050
Maximum Zoom % (in My Design Center)	1600%
My Design Center	•
On-Screen Automatic Density Adjustment	•
On-Screen Editing	•
On-Screen Help	•
Pattern Rotating Increments	0.1 Degree, 1 Degree, 10 Degrees, 90 Degrees
Print and Stitch Technology	•
Programmable Monochrome Embroidery	•
Resume Function	•
Sewing Decorative Stitches with Embroidery Arm Attached	•
Space Reduction Among Embroidery Alphabets	•
Speed Adjustment	•
Thread Wiper	•
Trial Position/Layout Function	•

Sewing Features

Automatic Height Adjustment (AHA)	•
Back to Beginning Key	•
Built-in Stitch Selections (Stitches)	824
Buttonhole Styles	16
Independent Bobbin Winding Motor	•
Knee Lifter	•
Maximum Sewing Speed (Stitches Per Minute)	1,050
Multi-Directional Sewing	•
My Custom Stitch Feature	•
Pivot Function	•
Sideways Sewing	•
Reinforcement/Reverse Stitches	•
Speed Control	•
Stitch Length	5mm
Stitch Width	7mm
Built-in Sewing Lettering Fonts	4

Quilting Features

Built-in Quilting Stitches	30
Drop-Feed	•
Free Motion Quilting Foot	•
Included Quilting Feet	•

KEY:

- Feature Included
- Feature Not Included

†In some cases, there may be some difference between the projector view and actual embroidery stitch-out, based on materials used. †Compatibility may vary by device and operating system. Requires connection to a wireless network. ‡Sold separately, additional purchase required. All specifications subject to change without prior notice. Images are for illustrative purposes only.

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Included Frames and Accessories

- 1/4" Piecing Foot with Guide
- Camera Detecting Buttonhole Foot
- Compact Digital Dual Feed Foot
- Straight Stitch Foot
- Free-Motion Echo Quilting Foot
- Button Fitting Foot
- Couching Dual Feed Foot
- Free-Motion Open Toe Quilting Foot
- Zipper Foot
- Overcasting Foot
- Blind Stitch Foot
- Monogramming Foot N+
- Zigzag Foot
- Embroidery Foot
- Free-Motion Quilting Foot
- Embroidery Couching Foot
- Embroidery Frame Set, 130 x 180mm
- Embroidery Frame Set, 100 x 100mm
- Embroidery Frame Set, 272 x 408mm
- Embroidery Frame Set, 272 x 272mm
- Additional Accessories Included in Box

Machine Specifications

- Weight: 24.4kg
- Dimensions (Machine + Embroidery Unit): 97.3 x 57.6 x 34.9cm



brother
at your side