Machines differ by library. To determine availability of a specific machine, contact the makerspace.

Brother SE600 & SE700
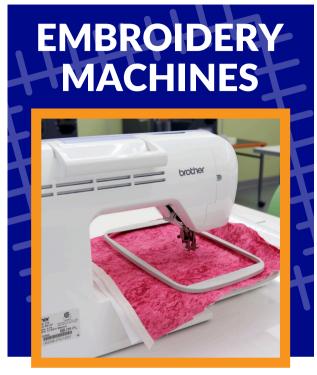
Brother PE800

Brother PE900

LCPL staff have the right to refuse or halt production of designs and materials at their own discretion in accordance with LCPL policy. More information can be found at **library.loudoun.gov/makerspace**.

To request a reasonable accommodation for a disability, call 703-777-0368. Three days' notice is requested.

LCPL
LOUDOUN COUNTY
PUBLIC LIBRARY

Makerspace

EMBROIDERY MACHINES

An embroidery machine creates designs on fabric with thread. It can be used for making decorations, product branding, personalized gift items and more.

LCPL offers Brother SE600, SE700, PE800, and PE900 model embroidery machines.

Join one of our free programs to learn more. Visit **library.loudoun.gov/calendar** *for a complete list of upcoming programs.*

Using the Embroidery Machine

Follow the numbered threading diagram printed on the machine. Then, with the automatic needle threader, the thread is pushed through the eye of the needle. You can even view step-by-step tutorials right on the LCD touch-screen display. Topics include how to thread the machine, how to attach the embroidery arm and more.

Creating/Choosing a Design

You can choose from built-in designs, create your own design using Inkscape/Ink/Stitch software (saved as a PES file onto a USB drive) or import one from a source such as **ibroidery.com**. Designs must fit a 4x4 inch, 5x7 inch, or sock embroidery hoop.

Materials

Embroidery Thread: The most widely used is 40wt. This thread has more sheen than standard thread.

Stabilizer: It must always be used for machine embroidery. There are many different types of stabilizers and choosing the right one depends on the material you choose for the project.

Stabilizer can be purchased from any craft store. Limited supply of stabilizer is available at no charge at the library makerspace.

Basic Stabilizer Guide

Use **cutaway stabilizer** with:

- Aida cloth
- Broadcloth
- Burlap
- Canvas
- Cloth diaper
- Corduroy
- Denim
- Faux fur
- Faux leather
- Felt
- Flannel
- Fleece
- Gabardine
- Jersey knit
- Leather
- Linen
- Microfiber
- Muslin
- Neoprene
- Nylon
- Pique
- Pre-quilted
- Quilter's cotton
- Ribbon
- Satin
- Spandex
- Sweater knits
- Taffeta
- T-shirt
- Towels
- Velour
- Velvet
- Vinyl/oilcloth
- Waffle weave
- Wool

Use **water-soluble stabilizer** with:

- Batiste
- Chiffon
- Handkerchiefs
- Organza
- Pashmina
- Silk
- Straw hats
- Tulle
- Velvet
- Vinyl

For more information, go to **emblibrary.com/EL/ELProjects/Projects.aspx?productid=PR1153**.