Janome Memory Craft 500 Embroidery Machine Policies

There are few libraries in the United States that offer free access to an embroidery machine--your library is one! We need your help to keep this machine accessible to everyone in the community. We cannot replace this machine if it is permanently damaged.

The Janome Memory Craft 500e retails for $3,999.00. Repairs are costly, the budget for them is limited, and if the machine is damaged beyond that budget no one will have the privilege of using the machine.

We require re-certification of patrons who improperly use the machine, do not follow the policies and procedures set forth to prevent damage to the machine, and repeatedly make mistakes that cause unnecessary wear and damage to the machine. We may ban patrons from use of the machine if problems persist after re-certification.

Age Restrictions
- 18+

Certification Requirements
- The Janome requires a certification class and appointment before use.
- Janome Embroidery Machine Certification Class is required for basic usage of the embroidery machine:
    - Pre-requisite: Niche Academy on-line certification
    - Hands-on, in-person certification
- **Class participants are required to complete the Niche Academy tutorials before the hands-on certification appointment.**
- If more than 6 months have passed since a patron's last use of this machine, they will be required to re-certify to refresh their skills and knowledge.

Consumables needed (and restrictions)
Patrons must provide their own consumable materials, including thread, stabilizer, fabric and possibly needles (if using specialized thread.). In order to keep this machine in top working order, restrictions on brands and types of materials do apply, and all materials must be checked by STEAM Central Staff to insure they will work in the machine. Below is a list of approved items.

- Machine embroidery thread – can be polyester, cotton, rayon, metallic/mylar, silk or special-effect. If using cotton or silk it needs to be heavier, 30 – 50 weight, for the best results. **Never use old thread or regular sewing thread.**

    Recommended brands

    - Embellish
    - Gutermann

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- Madiera
- Robison-Anton
- YLI
- Florianai
- Isacord
- Mettler Polysheen
- Glide

- Bobbin thread is a lightweight thread (60 wt.) for machine embroidery or machine basting. When bobbin thread is used for machine embroidery, it allows the back of the embroidery design to be much less dense than the front of the design. Often black or white thread is used. Recommended brands: see above for machine embroidery threads.
- Stablizer - When embroidering onto fabric, we're adding weight and tension of thread and stitches. The fabric needs to be stronger and more "stable" to support the stitches. Stabilizer is required with every embroidery project.
  - Cutaway. Choosing a soft and pliable cutaway stabilizer will bring the best results, both during embroidery and during wear/use/laundering of the item as well. Recommended brands include a 2.5 ounce cutaway called Soft-n-Stable made by Brother and a wide variety of the Floriani cutaway products (in particular, No-Show Mesh).
  - Tear-away. Recommended brands include Terradon Clean Tear, Floriani tear-away, and Sulky products.
  - Water-Soluble. Recommended brands include Vilene (a fibrous water-soluble product) especially when making freestanding lace items and Sulky Ultra Solvy.
- Needles – In most cases, STEAM Central provides the basic needle for embroidery on most items. However, some types of thread and materials require a special needle. If you want to embroider on knits, then you will want to use a needle designed for knits. Ball point needles do not leave holes and that is very important with machine embroidery. If you want to use metallic thread, then you will need to use Metallic needles. Recommended brands of specialized needles:

  - Organ
  - Schmetz
  - Janome

- Fabrics—The Memory Craft 500E can embroider the following fabrics:
  - Natural fibers/cotton-linen-wool
  - Fine fabrics/silk-satin-taffeta/velvet
  - Knits
  - Synthetic fabrics/blends-rayon-polyester
  - Denim
  - Upholstery
  - Light weight Leather/suede

Before Use

- The embroidery machine requires a certification class before use, and a scheduled appointment.
- Inspect power cord and machine before use. Do not use if cord is damaged or the machine is not working properly, and notify STEAM Central Staff of any issues immediately.
- Do not use bent, used, or damaged needles—this will damage our machine and your consumables!
- Always use proper hoops. Do not use any hoops other than those provided by STEAM Central.
- Design software is available for use in STEAM Central—Bernina's DesignerPlus, version 8. (Inquire with STEAM Central Staff about software classes.)

During Use

- Use only the stylus provided on the touch screen. Do not touch the screen with your hands or any other object.
- Do not touch the moving hoop carriage.
- Use the lock function on the LCD screen anytime your hands are near the needle/bobbin area.
- Keep fingers away from all moving parts and needles.
- Do not move fabric once machine has started as this can cause the needle to break.
- Never leave machine on and unattended.

After Use

- Turn off machine.
- Replace cover over machine.
- Unplug machine.
- Return all equipment to Staff. Never leave equipment out.

Resources

Niche tutorials, required for certification: https://my.nicheacademy.com/tgcls?category=4116

Manufacturer Website: http://janome.com/en/machines/embroidery/memory-craft-500e/

Manual: http://janome.com/siteassets/support/manuals/embroidery-models/inst-book-mc500een864au.pdf

Video tutorial: https://www.youtube.com/watch?v=LqwnYs3UEOs

Design Software Available in STEAM Central: Bernina DesignerPlus, version 8.

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