



bernette 70 series

bernette
SWISS DESIGN

bernette 70 series - 3 models



- Sewing-Only

b77



- Embroidery-Only

b70
DECO



- Combo (Sewing and Embroidery)

b79

Overview of general features



5" Color LCD touch screen
Center positioned, horizontally aligned.



General features

- **Large sewing area**

- Lots of space for large projects like quilts, curtains or clothes, it has 230 mm of space to the right of the needle

- **Slide-on extension table**

- The included extension table offers a large working surface to the left
- The 4 legs make it very stable, for uneven surfaces the height is adjustable

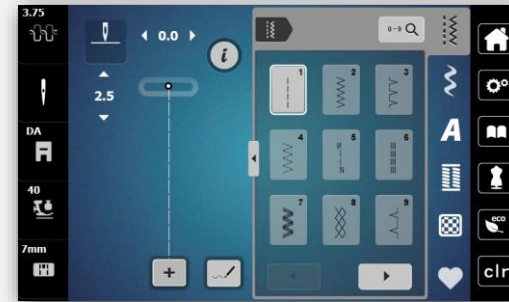


General features

Touch screen

- **5" Color Touch Screen:**
 - Optimally positioned in the center of the machine
 - Touch-sensitive (pressure applied to the screen). It can be operated with a finger or the stylus that is included in the standard accessories

- **User Interface**
 - Same User Interface as BERNINA
 - Clearly arranged
 - Easy navigation with intuitive symbols



General features



- **Needle threader with automatic threading position**

- The needle is threaded fast and easily



- **Quality with High Speed**

- Adjust the maximum machine's speed with the slider
- Perfect for precision sewing, great help for beginners
- For sewing: max. 1000 spm / For embroidery: max. 850 spm



- **Best Illumination**

- 4 LED's in two positions illuminating the sewing area brightly and evenly
- The brightness can be adjusted

Sewing

Overview of sewing features

500 integrated **stitch patterns** including 3 sewing **alphabets** + **Stitch Designer** (b79 only)

Creative Consultant Sewing Tutorial

7mm **Stitch Width**

15 **Needle Positions**

Max. Sewing Speed: **1,000** spm

Integrated **Dual Feed**

Balance (Pattern Density Adjustment)

Knee lifter

Foot Control with **Back-kick function**



Sewing features



- **Electronic knee lifter**

- The knee lifter makes fabric positioning under the presser foot convenient as you can raise or lower the presser foot with your knee
- Your hands are free especially for tricky seams or corners



- **Foot control with back-kick function**

- The foot control is not just for controlling the sewing speed but it has a programmable back-kick function
- As default it can be used for positioning the needle at its highest or lowest position with a tap of your heel
- Alternatively program the foot control for fast securing, thread cutting and raising the presser foot at the end of the seam

Sewing features



- **Dual Feed**

- With the additional upper transport it is a breeze to sew several layers or difficult sticky fabrics
- The integrated Dual Feed can be activated / deactivated by one mechanism

Perfect for:

- Velvet, terry cloth, fake fur, fleece, fabrics with checked pattern, laminated fabrics etc.
- Patchwork: for exact strips, blocks etc.
- Appliqués, sew-on ribbons
- Quilts: no shifting when sewing multiple layers

Sewing features



- **Creative Consultant**

- Helps you with your sewing project by recommending the best stitch, needle, foot etc. for the selected fabric and technique



- **Sewing tutorial**

- Contains important information about getting the best use out of the machine



- **Presser foot recommendation**

- The recommended presser foot for the selected stitch is displayed on the screen
- Other, suitable presser feet are indicated with a yellow star in the presser foot display menu
- For each foot helpful additional information is available

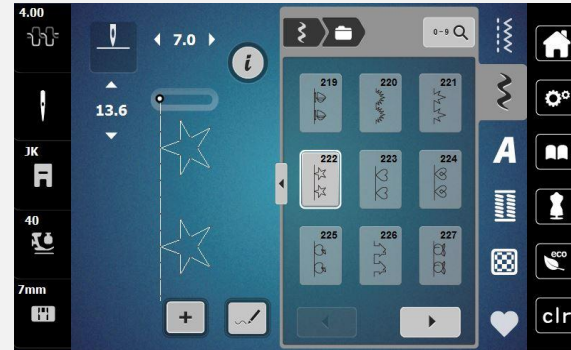
Sewing features



Stitches

- There are 500 stitches included, clearly arranged in categories and folders:

-  – 22 Utility stitches
-  – 2 Darning programs
-  – 133 Decorative stitches
-  – 17 Buttonholes incl. eyelets
-  – 35 Quilt stitches
-  – 3 Sewing alphabets



- Create individual combinations with patterns and letters

Sewing features



Stich Editing

- Each stitch can be edited with lots of options to create a different look:
 - Stitch width/length
 - Needle position
 - Pattern repeat 1-9x
 - Mirror right/left, up/down
 - Balance
 - Pattern length and stitch density (for Satin stitches)

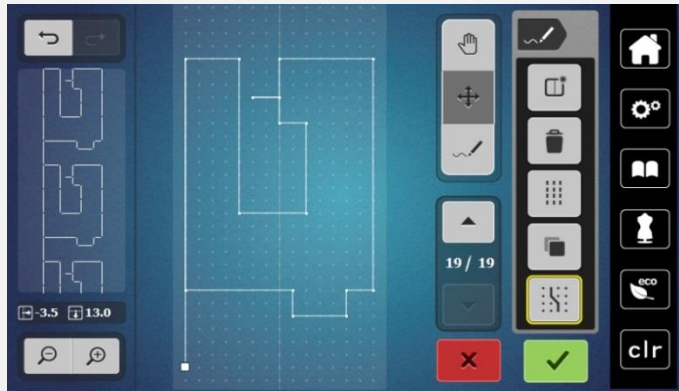


- All settings remains until the machine is switched off

Sewing features

Stitch Designer

- Edit the integrated stitches fast and easily or create your own from scratch directly on the screen



Standard presser feet



Standard accessories

- Extensive presser foot package included with the b77 und b79 machines:
 - Zigzag foot DA *
 - Embroidery foot JK
 - Zipper foot JB*
 - Buttonhole foot with slide RJ
 - Blindstitch foot DM*
 - Button-sew-on foot RC
 - Overlock foot DI *
 - Free-motion embroidery foot RX



* for Dual Feed

Optional presser feet



Optional accessories

- These presser feet are available as optional accessories. As kit or individually packed
 - Gathering foot
 - Patchwork foot*
 - Straight-stitch foot*
 - Hemmer foot*
 - Cording foot*
 - Open embroidery foot*
 - Zigzag foot with non-stick sole
 - Invisible-zipper foot



* for Dual Feed

Embroidery

Overview of embroidery features



208 Integrated Embroidery Designs
Multi-format reading

Max. Embroidery Speed:
850 spm

On-screen design modification:
mirror, rotate, scale, combine designs
Memory for own designs

Max. Embroidery size: **260x160mm**



CutWork compatible

3 Hoop sizes included

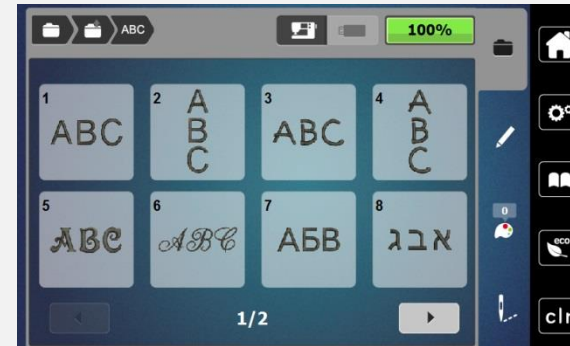


Embroidery features



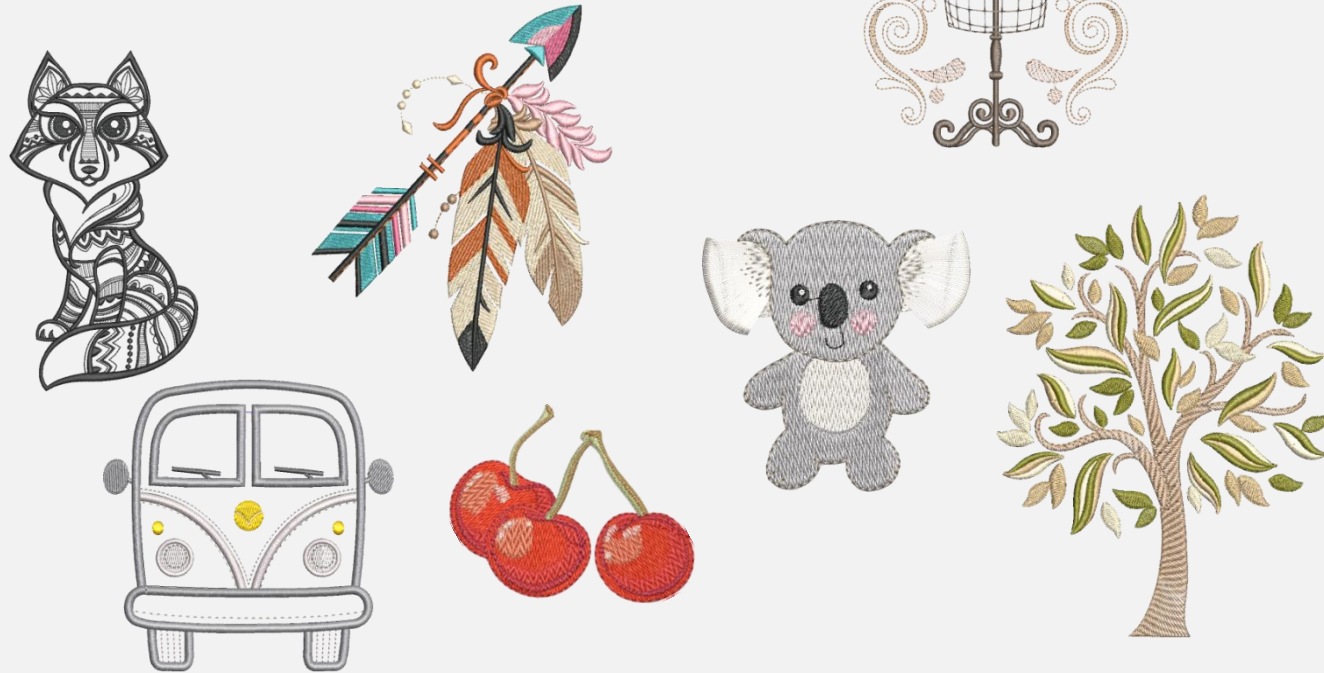
Embroidery designs / alphabets

- There is a huge choice of 208 designs and 7 Embroidery alphabets (incl. Hebrew, Cyrillic und Arabic) included



Embroidery features

Embroidery designs / alphabets

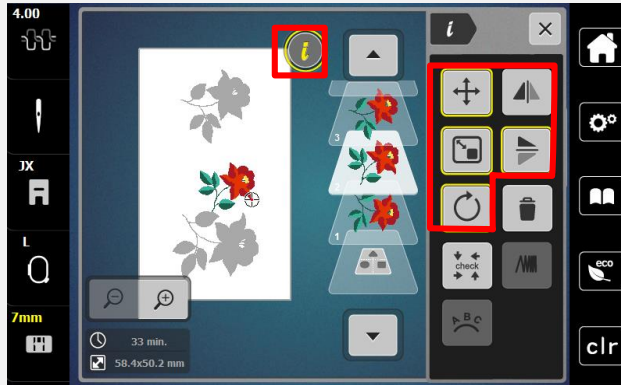


Embroidery features

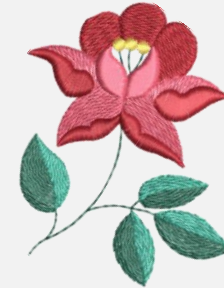


Editing your designs with ease

- There are a lot of options to edit embroidery designs:



- Position (also with drag& drop)
- Mirror right/left
- Mirror up/down
- Scaling +/- 20%
- Rotate





Embroidery features



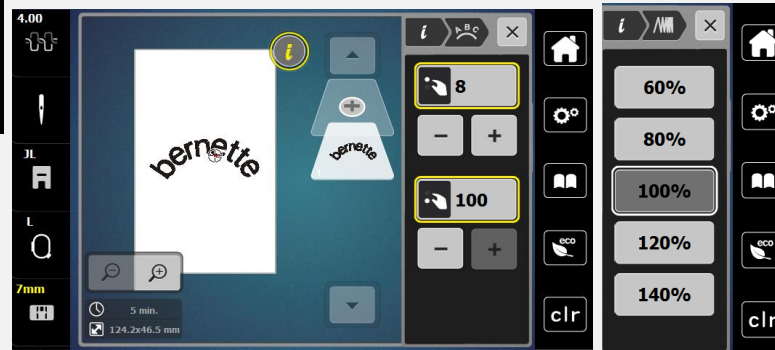
Editing of lettering

- Fonts can be edited with even more options:

– X



- Adjust the letter spacing
- Bending the text
- Altering the stitch density

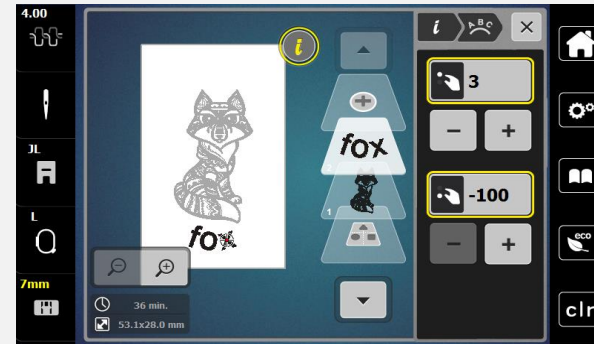
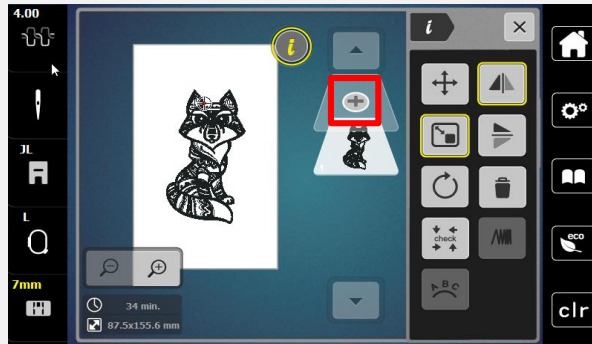


Embroidery features



Combining of embroidery designs

- Multiple designs can be combined easily
- All designs are shown well-arranged as individual layers, the lowest layer shows the complete combination

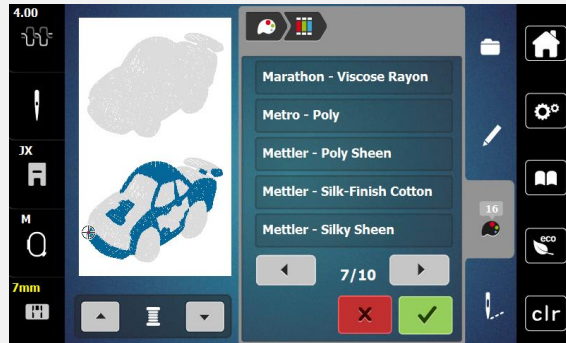


Embroidery features



Changing thread colors

- Each thread is shown with color number and selected brand
- Thread charts of the most common brands are implemented so you can easily assign your favorite brand to the complete design or you can change each color individually
- Helps to preview the design before stitching out



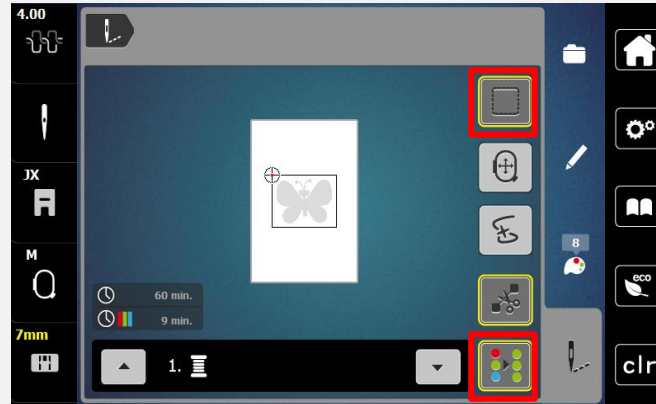


Embroidery features



Stitch out options

- A basting stitch along the design helps to fix the fabric on the stabilizer
- Multi / Mono color turns your design in a new tone on tone design, with a different effect





Embroidery features



Embroidery hoops / Automatic Hoop recognition

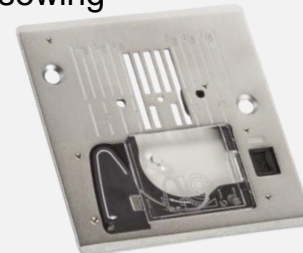
- 3 hoops are part of the standard accessories:
 - L: 160 x 260 mm
 - M: 120 x 180 mm
 - S: 50 x 70 mm
- All embroidery hoops have a new closing system with a quick release device
- Automatic Hoop Detection
 - The machine automatically shows and works with the defined embroidery area of the attached hoop
 - Scaling and positioning of the design is easily done



Embroidery features

Included embroidery accessories

- **2 embroidery feet:**
 - The regular embroidery foot works for most projects
 - The hopper embroidery foot is perfect for bulky fabrics, uneven areas or multilayer quilts
- **Straight Stitch Plate:**
 - Due to the smaller hole the stitch formation is optimized for embroidery
 - The automatic stitch plate detection limits the stitch width in sewing automatically

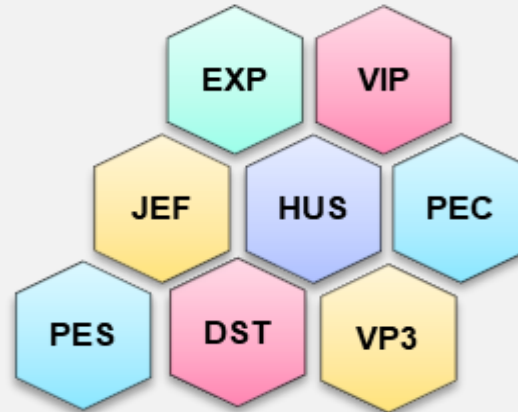


Embroidery features



Compatibility for the most common embroidery design formats

- In addition to the exp-file format you can open a lot of other formats directly on the machine
 - exp, vip, vp3, pec, hus, dst, jef, pes
- File conversions via embroidery software is not necessary anymore

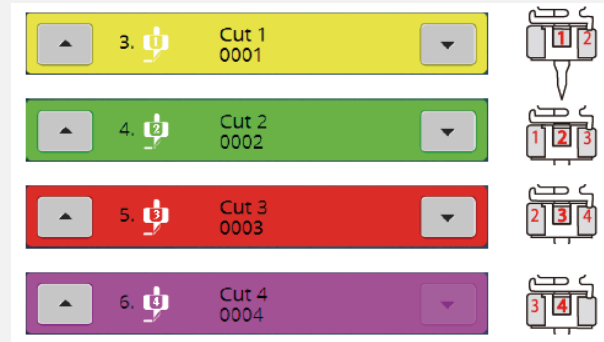
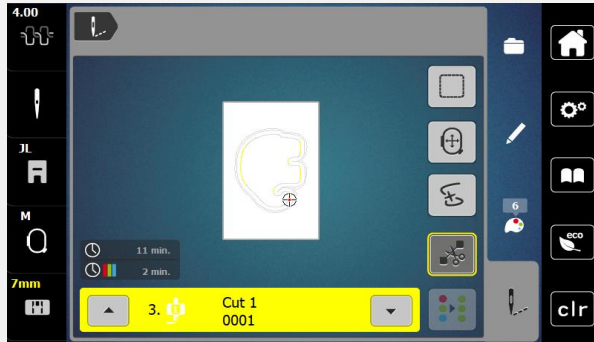


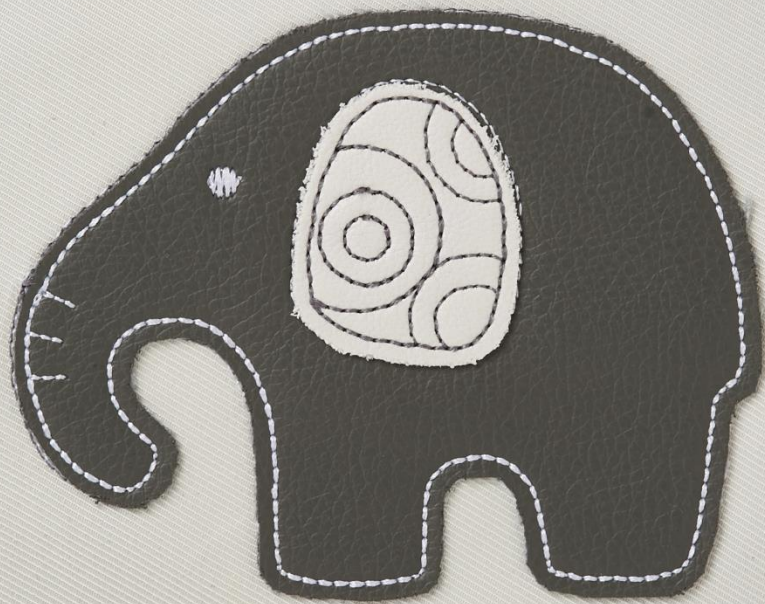
Embroidery features



Compatible with the CutWork tool

- The CutWork tool is a tiny knife that replaces the needle
- Can be used to cut appliqué fabric or several fabric layers or to make eyelet embroidery
- Tool is available as an optional accessory for bernette





Embroidery features



BERNINA Toolbox Embroidery Software

- BERNINA Toolbox is an easy-to-use software for even more fun with embroidery
- The modules «Editing» und «Lettering» are included
 - Lettering offers 100 additional fonts which can be scaled limitlessly
 - Editing lets you combine designs and edit complete designs or part of it
 - Choose and download 300 additional embroidery designs in the cloud
- Use it wherever you are – on your computer, tablet or portable device



Standard accessories



Standard accessories	b79	b77	b70 DECO
Presser foot soles included	10	8	2
Zigzag foot	✓	✓	-
Zipper foot	✓	✓	-
Buttonhole foot with slide	✓	✓	-
Button-sew-on foot	✓	✓	-
Overlock foot	✓	✓	-
Embroidery foot (Sewing)	✓	✓	-
Blindstitch foot	✓	✓	-
Free-motion embroidery foot	✓	✓	✓
Embroidery foot	✓	-	✓
Hopper embroidery foot	✓	-	✓
Straight stitch plate	✓	-	-
Foot control with back-kick function	✓	✓	-
Dust cover	✓	✓	✓
	Softcover	Softcover	Softcover
Slide-on extension table	✓	✓	-
Knee lifter	✓	✓	-
BERNINA needle set	✓	✓	✓

Instruction Manual



- Quick reference guide included
- [Downloadable PDF instruction manual](#) from mybernette.com
- QR code instant access from your phone or tablet



www.mybernette.com/b79

New features within bernette portfolio

- ✓ 5-inch touchscreen
- ✓ Integrated Dual Feed
- ✓ Creative Consultant + Sewing tutorial (b79)
- ✓ Stitch Designer (b79)
- ✓ Different stitch plates for Sewing / Embroidery
- ✓ Multi-format reading of stitch designs
- ✓ Knee lifter (FHS) for b77 and b79
- ✓ Auto thread tension
- ✓ 4 LEDs on two positions
- ✓ Needle positions (15)
- ✓ Foot control with back-kick function

