BERNINA Embroidery Software 7
Quick Start Guide

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NOTE
The screen illustrations in this publication are intended to be representations, not exact duplicates of the screen layouts generated by the software.

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Introduction

Welcome to BERNINA® Embroidery Software, the leading embroidery design application for home users. This is an MS Windows®-based product incorporating many of the conventions with which most PC users are already familiar.

BERNINA Embroidery Software is unique in providing seamless integration with CorelDRAW® Essentials X6 by the Corel Corporation, the most popular vector-based drawing package for home users. This combination offers a more efficient, user-friendly approach to embroidery design by combining the embroidery capabilities of BERNINA Embroidery Software with graphical capabilities of CorelDRAW®. It also allows users to create not just embroidery, but true, multi-medium designs.

Note CorelDRAW® Essentials X6 and its sister product, Corel PHOTO-PAINT® Essentials X6 can also be run as standalone applications. For a full description of the tools, refer to the electronic User Guide available via the Windows **Start > Programs** group. Alternatively, use the onscreen help available from the **Graphics** mode **Help** menu.

First-time users
If you are new to BERNINA Embroidery Software, you'll be pleased with its flexible digitizing capabilities, the ease with which you can create and edit designs, and how simple it is to add or create your own lettering. However, before you begin working with the product, please read Getting Started.

Update users
BERNINA Embroidery Software is an enhanced version of our earlier products. It has many new and expanded features. Please read the Release Notes available from the **Help** menu to quickly familiarize yourself with the scope of these improvements.

Security device

BERNINA Embroidery Software is protected by a dongle security device. If this is not detected when you attempt to launch the application, the system will not run. Each dongle has a serial number and identity code so your system can be uniquely recognized.

USB Dongle

The dongle is the most valuable part of your system and should be treated with care. Always store it in a safe place when not in use. The dongle is guaranteed against defects in material and workmanship, under normal use and service when properly installed, for a period of 12 months from the date of delivery. However, in case of loss or theft, you will need to purchase an entire BERNINA Embroidery Software replacement system. For this reason, you should consider insuring your dongle.

Installing the software

The installation procedure lets you choose:

- where the software and sample designs will be installed on your PC or network
- which components will be installed – e.g. additional languages, BERNINA Portfolio, etc.
- which documentation files will be installed.

If you are updating your software, do **not** uninstall the current version. Let the installation procedure do this for you.

To install the software

- Close any other applications open on your computer.

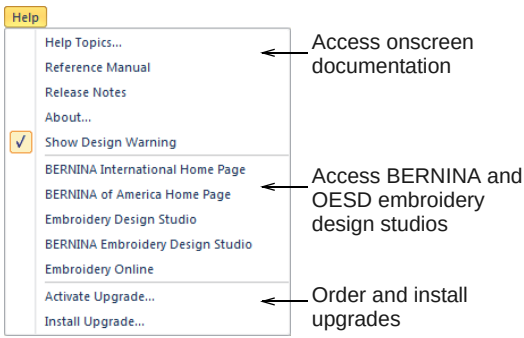
- Disable the Firewall and anti-virus software to ensure software and drivers install correctly.
- Insert the installation disk into your DVD drive and follow the prompts.
- You will be prompted to attach your dongle.
  If you have an update kit, you will be prompted to attach your old dongle as well.

- If your PC already contains one or more older versions of BERNINA Embroidery Software:
  - You are prompted to choose a version to merge with.
  - The older version will be merged with the new when the PC reboots.

  CorelDRAW® Essentials X6 is installed as part of the normal installation.
- You are given the option to restart with the new installation. Shortcut icons are placed on the MS Windows® desktop and in the **Start > Programs** group.
- Open BERNINA Embroidery Software.
  Any changes that you may have made to your old BERNINA Quilter fabric library will now be merged with the latest installation. The installation also merges any user-defined patterns or motifs.

Resources & support

BERNINA Embroidery Software provides various ways to access information about the software and how to use it. It also provides links to sources of ready-made embroidery designs.



Onscreen documentation

Depending on your product level, documentation components will include some or all of the following:

Release notes

A set of release notes is included with the software installation. These provide detailed information about new and improved features as well as direct links to the relevant sections of the Reference Manual.

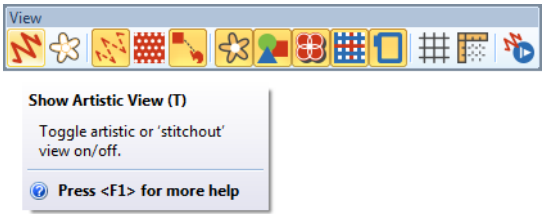
Reference manual

The Reference Manual provides detailed procedures covering all features of the BERNINA Embroidery Software 'Embroidery Canvas'. The BERNINA Cross Stitch and BERNINA Quilter applications are documented in separate supplementary manuals.

Note For a full description of the CorelDRAW® tools available in Artwork Canvas, refer to the electronic User Guide available via the Windows **Start > Programs** group. Alternatively, use the onscreen help available from the **Graphics** mode **Help** menu.

Onscreen help

Onscreen help provides quick access to general information on BERNINA Embroidery Software features and step-by-step instructions. An <F1> keypress accesses context-sensitive help.



Supplementary help

With your BERNINA Embroidery Software installation, you will have also received supplementary help accessible from ancillary applications:

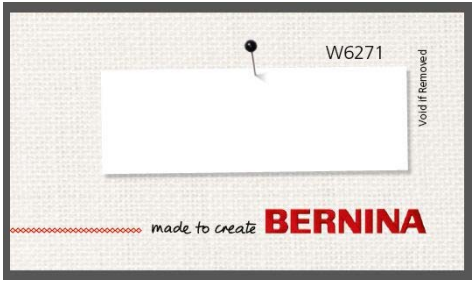
- BERNINA Cross Stitch: This covers the capabilities of the special BERNINA Cross Stitch application.
- BERNINA Quilter: This covers the capabilities of the special BERNINA Quilter application.

Online resources

There are many other sources of ready-made embroidery designs which you can purchase and adapt as you wish. Your BERNINA Embroidery Software directs you to two rich sources – BERNINA and OESD embroidery design studios.

Software upgrades

You may upgrade your BERNINA Embroidery Software directly via the **Help** menu as shown above. When referring to your system in correspondence or by telephone, you need to quote your **Dongle Number**. You may also need to quote the **Serial Number** and **Identity Code**. This information is found on the dongle itself.



The information can also be found on **Security Device Options** dialog accessed via the **Settings** menu.

Online upgrades are accessed via the **Purchase Upgrades on the Internet** command in the **Help** menu. The website offers you a choice of upgrade relevant to the current level of your dongle. If your dongle is at BERNINA EditorPlus level, the website will offer an upgrade to BERNINA DesignerPlus.

Caution If browser security is set too 'high', you may be unable to download software updates. If you experience this problem, try setting browser security to 'medium'.

Getting Started

If you are new to BERNINA Embroidery Software or machine embroidery, you are probably asking yourself 'where do I start?!'.

It's safe to say that you will spend many hours, both rewarding and at times frustrating, learning how to get the most out of your BERNINA machine and the design software which supports it. The two work together hand-in-hand and it takes practice and patience to master both the creation and production of fine embroidery.

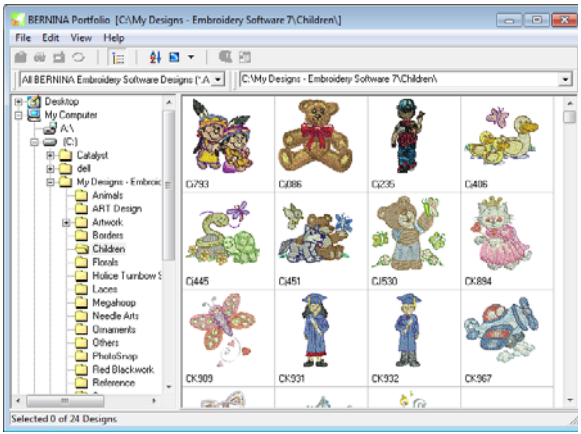
The results, however, will speak for themselves, making the time you invest all the more valuable. With each project you complete, you will gain in experience and confidence and be ready to tackle the next challenge.

First things first

You don't need any experience to start with BERNINA Embroidery Software. You can simply open a design and send it to your machine to 'stitch out'. And this is the best place to start. As you gain experience, you will be able to 'read' designs and identify which are good and which may cause problems.

Sample designs & artwork

BERNINA Embroidery Software contains hundreds of ready-to-stitch designs, including many attractive ornaments, samples and digitizing backdrops. Design files (ART files) and images (BMP, JPG, and WMF files) can be found in your **My Designs - Embroidery Software 7** folder. The most valuable thing you can do when starting out as a new user, is to spend some time exploring these designs and getting to know what's available.

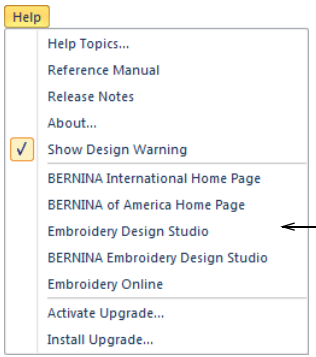


Note BERNINA Embroidery Software includes its own BERNINA Portfolio design management application to view and manage your embroidery designs. Alternatively, explore design folders using MS Windows® Explorer.

Other sources

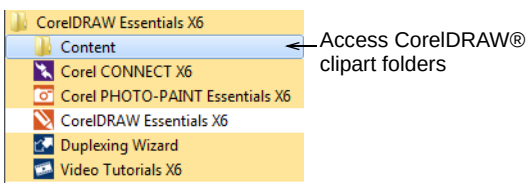
There are many other sources of ready-made embroidery designs which you can purchase and adapt as you wish.

Your BERNINA Embroidery Software directs you to two rich sources – BERNINA and OESD embroidery design studios.

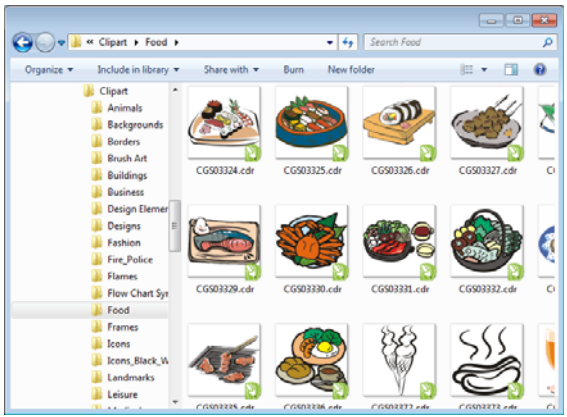


Clipart

CorelDRAW® Essentials X6 is packaged with a selection of clipart which can be accessed via the program group.



Make sure you get familiar with the many clipart samples. Many can be adapted for use with embroidery design, either as digitizing backdrops or direct conversion.



It may be more convenient to take a copy of the entire CorelDRAW® Essentials X6 Clipart folder and copy it to **My Designs - Embroidery Software 7** folder for easy reference.

Caution Included artwork (clipart) and embroidery designs are only available for personal use – i.e. they cannot be commercially sold in any form.

Rules of good embroidery

Keep the following points in mind when looking at embroidery designs, both your own and others:

- Stitches are neat, smooth and even
- Design looks good – shapes, colors, balance
- Shapes are filled with correct fill and outline stitches
- Stitches are angled to match shapes
- Shapes are stitched correctly – no unwanted gaps
- Details are clearly defined
- Lettering is clear and easy to read.

The stitchout should also have the following characteristics:

- The design sews efficiently on the machine
- The fabric does not pucker around stitched areas
- The design is free of loose ends.

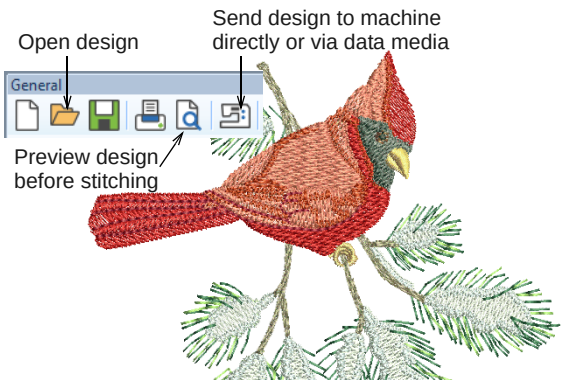
Good embroidery quality starts with good design. You then need a good quality machine to stitch it out. But even that is not enough if you do not use the correct fabric, threads, backings, tension, and so on. Consult your machine manual for advice and get as much advice from other embroiderers as you can.

Sew a ready-made design

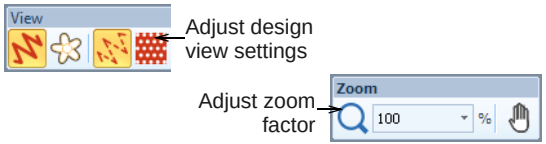
For many embroiderers, it is enough to take an existing design and stitch it out. This is certainly where most will start. Once you have found a design you like, you will want to preview it and see how it sews out. A number of steps are involved. We outline the main ones here.

To sew out a design

- Open the design in BERNINA Embroidery Software.

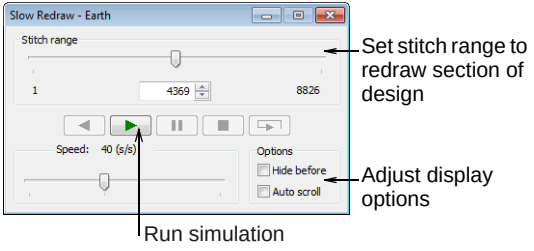


- Adjust viewing settings as desired.



- Check the fabric type and change as necessary via the **Design > Fabric Settings** menu command.

- Press **Shift+R** to preview the stitchout so you understand how the design will sew on the machine.



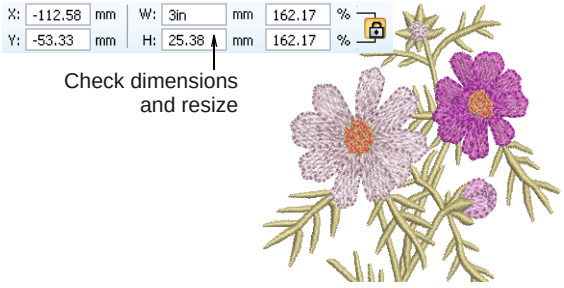
- Send the design to machine directly or via data media (usually memory stick).
  Check your BERNINA machine documentation for steps involved after transferring the design to machine.

Modify an entire design

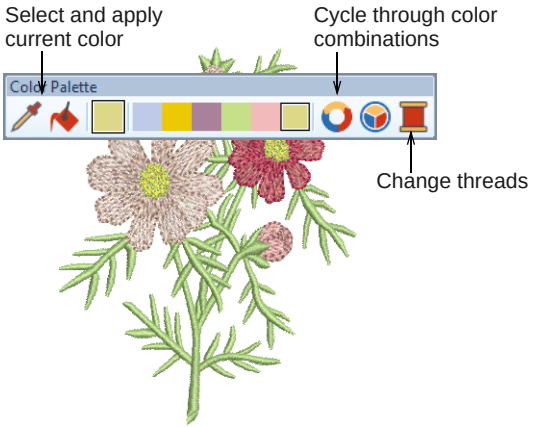
Once you are used to the steps involved in sewing out designs – either clipart or ones you have purchased – you will soon want to make global design modifications such as resizing, or changing thread colors and fabric types. These are all relatively simple operations.

To modify an entire design

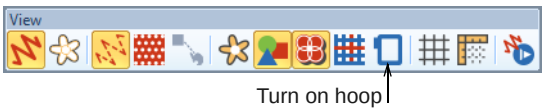
- Open the design you want to use and click to select.



- Check design dimensions and resize as necessary. For example, if you are stitching a left chest design, maximum size will be approximately 4.25" or 108 mm square.
- Adjust design thread colors as desired.



- Check the fabric type and change as necessary via the **Design > Fabric Settings** menu command.



- Turn on the hoop. Right-click to select the required size.
- Use the **Design > Background** menu command to visualize the design on a garment or article.

- Send the design to machine directly or via data media (usually memory stick).

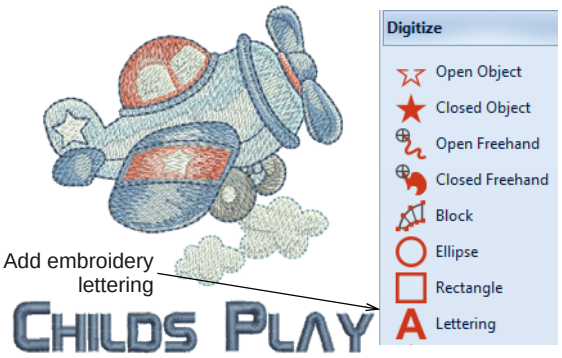
Create a simple lettering design

Once you are used to sewing out designs and resizing, changing colors and fabric types, you will definitely want to create your own lettering designs. While it takes

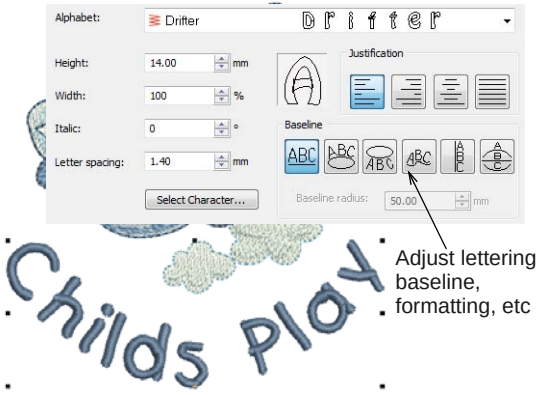
practice to obtain a good quality lettering stitchout, it is as simple as typing letters on-screen to create an attractive design in BERNINA Embroidery Software.

To create a simple lettering design

- Open a design. Typically you'll want to add lettering to an existing design.
- Add embroidery lettering to designs directly on-screen.



- Right-click the tool to change current settings. It's a simple matter to adjust baselines, formatting, spacing settings, and colors.

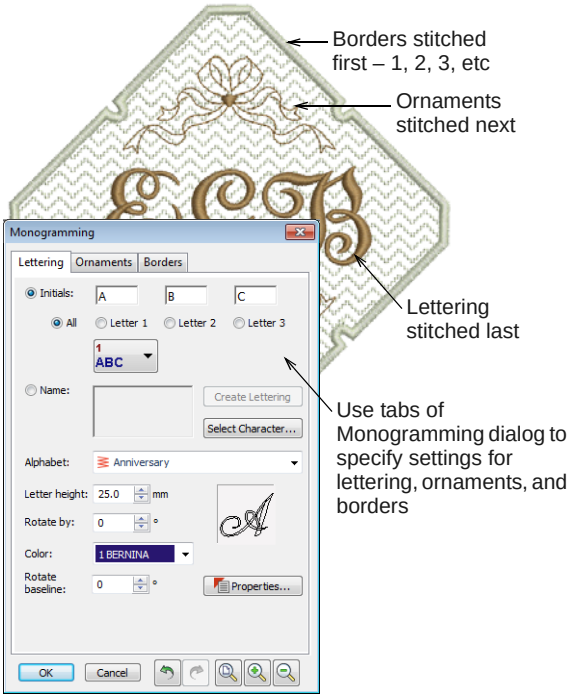


- Try stitching out your lettering design. Study the stitch quality. Be aware that different alphabets sew out better at different sizes.

Create an embroidery monogram

BERNINA Embroidery Software makes the creation of monogramming designs quite simple with the 'all-in-one' **Monogramming** tool located under the

Lettering tool. Optionally include lettering, ornaments, and/or up to four concentric borders in your monograms.



Create auto embroidery

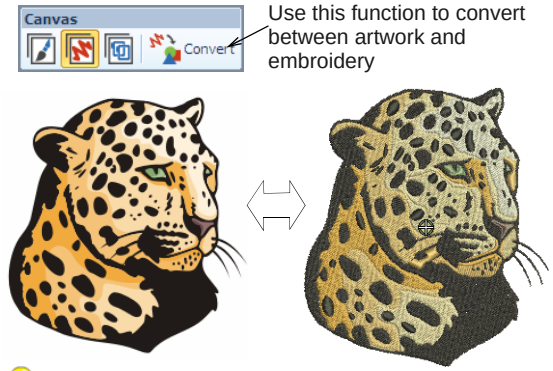
If you have graduated this far in your exploration of your BERNINA machine and BERNINA Embroidery Software, you are doing well. You can already achieve a great deal without having to actually do your own design or digitizing work. However, if you have graduated this far, that is probably exactly what you want to do!

One of the quickest ways to get started is to use the automated techniques BERNINA Embroidery Software provides. While there are limitations to what can be done this way, it nevertheless allows you to prototype design ideas relatively simply and may be sufficient for your purposes. At least for now!

Vector artwork conversion

Special conversion tools in BERNINA Embroidery Software automatically convert vector objects and text to

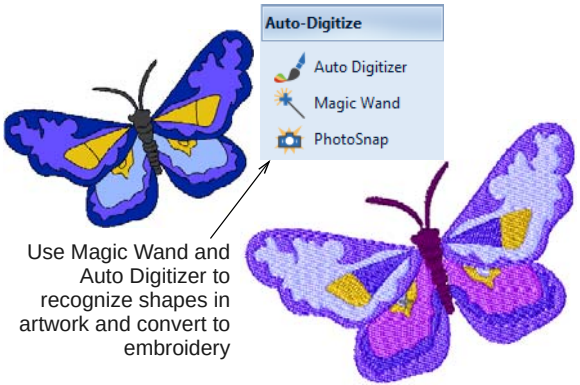
embroidery or lettering objects. These can be modified as required.



Tip A good starting point is to use some of the many clipart samples packaged with CorelDRAW®. Many of these can be adapted for use in embroidery design.

Bitmap artwork conversion

The **Magic Wand** tool provides everything necessary to digitize shapes in bitmap images automatically. An extension of this technology, **Auto Digitizer** recognizes shapes in artwork and makes decisions about the most suitable stitch types to use.

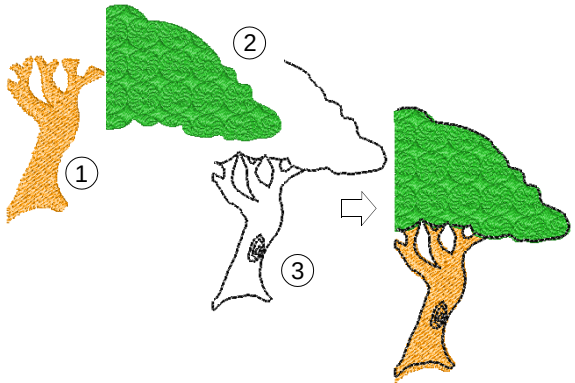


Tip Remember to study the sample designs included with your BERNINA Embroidery Software installation. Try sewing out in order to understand better the techniques involved as well as the limitations.

Next steps

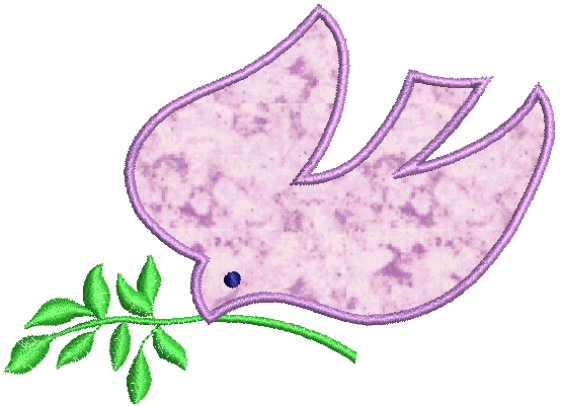
If you have reached this point, you have already mastered 90% of the techniques that most embroiderers need.

However, coming to grips with the 'black art' of manual digitizing is the next step in becoming an embroidery master. But you don't have to dive off the deep end. You can start with quite simple projects and work your way up to more complicated designs with more complicated stitch effects. Refer to the Reference Manual or the many online resources.



Special embroidery features

Once you have mastered manual digitizing, you are in a position to take advantage of the full range of stitch types and effects that BERNINA Embroidery Software offers. Many of them you will be familiar with, having already adapted existing designs for different purposes.



Some of the many techniques supported by BERNINA Embroidery Software include:

- Freehand embroidery
- Patterned stamps, runs & fills
- Craft stitch borders & fills
- Appliqué
- Cross stitching
- Buttonholing
- Multi-decoration

- Quilting
- Raised embroidery

Refer to the Reference Manual or the many online resources.

Happy embroidery!

Do good work with your BERNINA machine and BERNINA Embroidery Software. With this equipment you have everything you need to create top quality, fully professional embroidery. The only thing you lack is the capacity to mass produce!

Remember to make good use of the packaged designs and clipart. When in doubt, go back to first principles. And when you find you want to expand and extend your repertoire, study the sample designs carefully to see how it's done.

All the best. And have fun!

BERNINA Embroidery Software Quick Reference

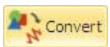
BERNINA Embroidery Software integrates with CorelDRAW® Essentials X6 into a single application. This Quick Reference details commands and tools available in the **Embroidery Canvas** and **Hoop Canvas**. Not all options described here are relevant to all product levels. See also Product Feature List in the Reference Manual.

Embroidery Canvas toolbars

The **Embroidery Canvas** workspace contains the toolbars described below. Not all tools are relevant to all levels of product.

Canvas toolbar

There are three operating modes in BERNINA Embroidery Software accessible via the **Canvas** toolbar.

Artwork Canvas	Import, edit or create vector artwork as a backdrop for embroidery digitizing, manual or automatic.
Embroidery Canvas	Digitize and edit embroidery designs. Display embroidery as well as artwork. View designs realistically in 3D simulation.
Hoop Canvas	View and edit multi-hoopings. If embroidery is too large or contains multiple designs spaced around an article, split into multiple hoopings.
Show Embroidery	Show or hide any embroidery components.
	Convert Embroidery to Artwork: Convert selected embroidery objects to vector artwork.
	Convert Artwork to Embroidery: Convert selected vector or bitmap artwork to fill or outline stitches.

Note For a full description of the CorelDRAW® Essentials X6 tools, refer to the electronic User Guide available via the Windows **Start > Programs**

group. Alternatively, use the onscreen help available from the **Graphics** mode **Help** menu.

General toolbar

This toolbar includes tools for opening and outputting designs, accessing design properties, and opening and closing docker windows.

New	Open new blank design.
Open	Open an existing design.
Save	Save current design.
Print	Print active design using current settings.
Print Preview	View design worksheet. Print worksheet from this window.
Write to Card / Machine	Write (save) design to BERNINA design card or BERNINA embroidery machine.
Cut	Same as Edit > Cut.
Copy	Same as Edit > Copy.
Paste	Same as Edit > Paste.
Undo	Same as Edit > Undo.
Redo	Same as Edit > Redo.
Insert Embroidery	Same as File > Insert Embroidery.
Insert Artwork	Same as File > Insert Artwork.
Application Launcher	Access ancillary applications – Portfolio, Cross Stitch, and Quilter.
Object Properties	Access properties of selected embroidery objects or preset with nothing selected.
Effects	Apply stitch effects to selected embroidery objects or preset with nothing selected.
Options	Access workspace options such as grid, hoop, and scroll settings.

	Change measurement units within software without changing operating system settings.
Overview Window	Show or hide Overview Window docker. Use to zoom and pan thumbnail of current design.
Color Film	Show or hide Color Film docker. Use it to resequence objects and color blocks in the design.
Carving Stamp	Show or hide Carving Stamp docker. Use preset or custom patterns to create a pattern of needle penetrations.
Morphing Effect	Show or hide Morphing Effect docker. Create transformed object outlines and stitches.
StumpWork Border	Show or hide StumpWork Border docker. Use in conjunction with StumpWork toolbox.

View toolbar

This toolbar brings together tools for design visualization. See also Viewing Designs in the Reference Manual.

Show Artistic View	Show or hide simulation of stitched embroidery.
Dim Artwork	Dim backdrops to show stitches more clearly when digitizing.
Show Stitches	Show or hide embroidery stitching.
Show Needle Points	Show or hide the needle points in embroidery stitching.
Show Connectors	Show or hide connecting stitches between embroidery objects.
Show Bitmap Artwork	Show or hide any bitmap artwork included in the design.
Show Vector Artwork	Show or hide any vector artwork included in the design such as CorelDRAW® clipart.
Show StumpWork	Show or hide any stumpwork sub-designs included in the design.

Show Appliqué Fabric	Show or hide background fabric / color of any appliqué objects in the design.
Show Hoop	Show or hide hoop. Right-click for settings.
Show Grid	Show or hide workspace grid. Right-click for settings.
Show Rulers & Guides	Show or hide workspace rulers and guides. Right-click for settings.
Slow Redraw	Simulate embroidery design stitchout onscreen in either stitch or artistic view.

Color palette

This toolbar displays a palette of thread colors together with tools for selecting, applying, and cycling through colors. See also Thread Colors & Charts in the Reference Manual.

Color Picker	Pick up a color from an existing object and make it current.
Apply Current Color	Apply the currently selected palette color to embroidery objects.
Current Color	Shows the currently selected palette color.
Cycle Used Colors	Cycle through combinations of used colors. Right- or left-click.
Color Wheel	Access Color Wheel to test combinations of related colors.
Thread Colors	Search for and match threads from different charts, and assign for use.

Stitch toolbar

This toolbar provides a range of basic outline and fill stitch types as well as those of a more artistic or decorative kind. It also includes stitch effects which can be additionally applied. Left-click icons to select stitch type. Right-click to access properties. See also Outline & Fill Stitches in the Reference Manual.

Outlines

Single Outline	Create a single row of stitches along a digitized outline – used for borders or details.
Triple Outline	Create a thicker outline by repeating each stitch three times – use for heavier borders or details.

Backstitch Outline	Create traditional backstitch borders – old, adaptable stitch type used for delicate outlines.
Stemstitch Outline	Create traditional stemstitch borders or details such as stems and vines.
Satin Outline	Create thicker borders or columns of even thickness.
Raised Satin Outline	Create raised satin borders – can be used with trapunto for quilting effects.
Blanket Outline	Create long, narrow borders with a 'comb' effect.
Blackwork Outline	Create ornamental craftstitch borders. Name derives from black silk thread traditionally used in this form of embroidery.
Candlewicking Outline	Create ornamental craftstitch borders. Specify exact pattern size and spacing.
Pattern Run Outline	Create ornamental craftstitch borders. Choose from pattern library.

Fills

Step Fill	Create stitch fills for larger, irregular shapes.
Satin Fill	Create stitch fills for narrow shapes.
Raised Satin Fill	Create raised surfaces – can be applied to lettering or used with trapunto for quilting effects.
Fancy Fill	Create artistic fills while keeping the appearance of solid stitching.
Sculptured Fancy Fill	Create 3D pattern effects with turning fills.
Ripple Fill	Create spiral stitching from the center of any filled object.
Contour Fill	Create stitching which follows object contours, creating a curved, light-and-shade effect.
Blackwork Fill	Create fill for blackwork designs. Name derives from black silk thread traditionally used in this form of embroidery.
Candlewicking Fill	Create candlewicking fills – traditional white-on-white embroidery usually done with heavy cotton thread on white linen.
Lacework Fill	Create a lacey look with open trellis-like patterns.

Pattern Fill	Create decorative fill stitching. Choose from pattern library.
Cross Stitch Fill	Create open patterned fills with crosses generated to suit standard grid for entire design.
Stipple Run Fill	Create fills made up of run stitches which meander within a border.
Stipple Stemstitch Fill	Create heavier stipple run fills with stemstitch outlines.
Stipple Backstitch Fill	Create heavier stipple run fills with backstitch outlines.

Effects

Auto Underlay	Strengthen and stabilize objects with underlay stitching.
Textured Edge	Create rough edges and shading effects, or imitate fluffy textures.
Star Fill	Create radial turning stitching with available stitch types. Stitches are generated from outside to geometric center. Center can be shifted.
Wave Fill	Create contoured stitches along a digitized guideline – stitching maintains uniform density.

Transform toolbar

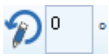
This toolbar contains all the tools you need to select, reshape, scale, and mirror embroidery designs in **Embroidery Canvas** mode. See also Arranging & Transforming Objects in the Reference Manual.

Select Object	Click to select objects or drag a selection marquee to enclose.
Polygon Select	Select irregular areas or shapes – click reference points to demarcate.
Reshape Object	Reshape selected embroidery and lettering objects.
Scale Up	Increase/reduce size of selected object/s in 20% increments. Stitches are automatically recalculated.
Scale Down	
Mirror Horizontal	Flip selected object/s in horizontal or vertical planes.
Mirror Vertical	

Rotate Left

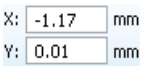
Rotate Right

Rotate selected objects in 45° increments to right or left.

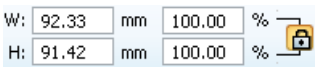


Rotate selected objects by specified amount – positive or negative – in degrees.

Skew selected objects by specified amount – positive or negative – in degrees.



Enter specific settings for precise positioning of selected objects. Use in conjunction with Rulers & Guides.



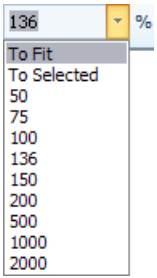
Scale objects or whole designs by a precise width or height, or a percentage factor. Use Aspect Ratio lock to maintain proportions.

Zoom toolbar

This toolbar includes tools for zooming and panning designs. Other zoom presets are available via the **View** menu. See also Zooming & panning in the Reference Manual.

Zoom

Left-click to zoom in, right-click to zoom out, or drag a 'zoom box'. Shortcut <B> also available.



Zoom Factor: select a preset zoom scale from the droplist or key in your own zoom scale and press Enter.

Pan

Drag to pan across the design at high zoom factors. Shortcut <P> also available.

Embroidery Canvas toolbox

The **Embroidery Canvas** workspace contains a **Toolbox** permanently docked on the left of the workspace. The **Toolbox** contains a series of droplists containing 'toolsets' organized as follows.

Edit toolset

This toolset contains all tools you need to edit embroidery designs in **Embroidery Canvas** mode.

Add Holes	Cut holes in filled objects.
Remove Holes	Remove holes from selected objects.
Add Stitch Angles	Add stitch angles to closed objects with or without holes. Right-click for settings.
Remove Stitch Angles	Remove stitch angles from closed objects with turning stitches.
Double Run	Reinforce outlines, stitching it in the opposite direction.
Blackwork Run	Automatically sequence selected outlines for efficient stitchout.
Color Blending	Create blended stitching in selected objects.
Fill Holes	Fill holes in selected objects with current stitch type.
Outline Design	Automatically outline selected objects with Single, Triple or Satin Line.
Create Trapunto Outlines	Use in conjunction with raised satin to create stitching for a raised 'quilted' look.
Break Apart	Split monograms, appliqué, lettering, and blackwork runs into component objects for editing.
Remove Overlaps	Remove unwanted stitching underlying objects or lettering.
Remove Appliqué Overlaps	Remove unwanted stitching from underlaying appliqué objects.
Stitch Edit	Place the stitch cursor at a selected insertion point.

Auto-Digitize toolset

This toolset contains all tools required for auto-digitizing artwork in **Embroidery Canvas** mode. See also Automatic Digitizing in the Reference Manual.

Auto Digitizer	Automatically digitize prepared bitmap artwork.
Magic Wand	Automatically digitize filled areas in vector or bitmap artwork.
PhotoSnap	Turn grayscale or color photographs into embroidery.

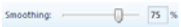
Digitize toolset

This toolset contains all tools required for manually digitizing embroidery designs in **Embroidery Canvas** mode. Right-click to access properties. See also Digitizing Methods in the Reference Manual.

Open Object	Digitize open embroidery objects.
Closed Object	Digitize closed embroidery objects.
Open Freehand	Draw embroidery outlines onscreen in the current stitch type.
Closed Freehand	Draw closed embroidery objects onscreen in the current stitch type – outline or fill.
Block	Digitize columns with turning stitches.
Ellipse	Digitize ellipse or circle embroidery objects.
Rectangle	Digitize rectangle or square embroidery objects. Press <Ctrl> to constrain.
Lettering	Create embroidery lettering directly on screen.
Monogram-ming	Create personalized monograms using a selection of pre-defined styles, border shapes and ornaments.
Appliqué	Digitize closed-object appliqué with all necessary stitching.
Advanced Appliqué	Generate open-object appliqué from one or more source objects.
Buttonhole	Digitize a single buttonhole with all necessary stitching.
Buttonholes	Digitize a line of buttonholes with all necessary stitching.
PunchWork	Digitize PunchWork designs for use with the BERNINA Rotary Hook Punch tool.
Pattern Stamp	Place individual patterns in the design. Choose from pattern library.

Freehand Setting toolbar

When **Freehand** tools are activated, the **Freehand Settings** toolbar appears.



Use the Smoothing control to specify, as a percentage, how closely the smoothed outline follows the original.

Use Show Guide to toggle freehand digitizing guide cursor – provides more control over 'freehand' drawing than the default pointer.

Use the Guide Inner Circle Radius control to define size of center circle of freehand digitizing guide.

Use the Number of Guide Circles control to set number of circles in the freehand cursor – if the inner circle radius is 2mm, each additional guide circle is offset by 2mm.

StumpWork toolset

The **StumpWork** toolset is available from the **Toolbox**. It contains all the tools necessary to digitize stumpwork from scratch or create stumpwork from existing objects.

See also Stumpwork embroidery in the Reference Manual.

Create StumpWork Border	Generate stumpwork border from selected objects.
Digitize Open StumpWork Border	Digitize an open stumpwork border using digitized outline and current settings.
Digitize Closed StumpWork Border	Digitize a closed stumpwork border using digitized outline and current settings.
Cut Closed StumpWork Border	Cut a closed stumpwork border to leave an opening – e.g. for wire ends.
Digitize Wireline	Create a wireline using a digitized outline and current settings.
Create Stumpwork Sub-design	Create stumpwork sub-design from selected objects which include embroidery within a stumpwork border.
Open StumpWork Sub-design	View and edit selected stumpwork sub-design.
Save Stumpwork Sub-design As	Save stumpwork sub-design as a separate design file.

Mirror-Merge toolset

This toolset contains all tools required to duplicate and transform selected embroidery objects in vertical and horizontal planes. See also Mirroring objects in the Reference Manual.

Mirror-Merge Horizontal	Duplicate & mirror horizontally and merge overlapping objects (optional).
Mirror-Merge Vertical	Duplicate & mirror vertically and merge overlapping objects (optional).
Mirror-Merge Horizontal / Vertical	Duplicate & mirror selected objects around a center point.
Wreath	Duplicate selected objects around a central axis. Specify duplicates in Mirror-Merge Settings toolbar.
Kaleidoscope	Duplicate & mirror objects around a central axis. Specify duplicates in Mirror-Merge Settings toolbar. This tool only appears when the Wreath tool is activated.
	Enter number of wreath points. Enter even number to activate Kaleidoscope.

Arrange toolset

This toolset contains all tools you need to precisely align, distribute and mirror objects in **Embroidery Canvas** mode. See also Arranging & Transforming Objects in the Reference Manual.

Group	Combine multiple objects into one selectable object grouping.
Ungroup	Split object grouping into component objects.
Lock	Lock selected object/s into position for protection.
Unlock All	Unlock all locked object/s to remove protection.
Align Left	Left-align selected objects.
Align Vertical Centers	Vertically align centers of selected objects.
Align Right	Right-align selected objects.
Align Top	Align tops of selected objects.

Align Horizontal Centers	Horizontally align centers of selected objects.
Align Bottom	Align bottoms of selected objects.
Align Centers	Align centers of selected objects.
Space Evenly Across	Evenly distribute three or more selected objects horizontally.
Space Evenly Down	Evenly distribute three or more selected objects vertically.

Color Film toolbar

This toolbar is available in **Embroidery Canvas** mode.

Show Objects	View individual objects in order of stitching sequence. Drag and drop object icons to resequence.
Back / Forward 1 Object	Move selection back / forward one object in the stitching sequence.
Back / Forward 1 Color	Move selection back / forward one color in the stitching sequence.
Move to Start / End	Move selection to start / end of stitching sequence.
Sequence by Selects	Resequence objects in order of selection.
Sequence by Color	Resequence all blocks of like color. (To maintain separate color blocks, use Color Film.)

Multi-Hooping toolbar

This toolbar is available in **Hoop Canvas** mode. See Hooping Designs in the Reference Manual.

Add Hoop	Add a new hooping to a multi-hooping layout.
Add Hoop Right	Place a new hooping to right of selected hoop. Allows a 10mm overlap between sewing fields.
Add Hoop Up	Place a new hooping above selected hoop. Allows a 10mm overlap between sewing fields.
Add 4 Hoops Around	Generate 4/8 hoopings around a selected hoop's perimeter. Allow a 10mm overlap between sewing field.
Add 8 Hoops Around	
Splitting Guide	Digitize one or more guides in a multi-hoop layout to split objects between hoopings.
Delete Hoop	Remove selected hoop from hooping layout.
Calculate Hoopings	Calculate hoopings resulting from current layout.