

# Designer Diamond™

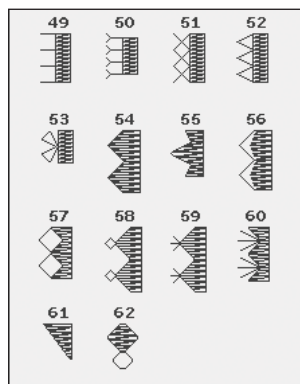
## Update June 2009

(Software version 5628-5413 or higher)

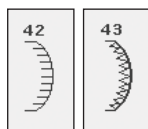
This update gives you new stitches, new zoom functions, new basting functions, possibility to update using the HUSQVARNA VIKING® USB Embroidery stick and more! This booklet contains all the user's instructions for the new functions and complements the User's Guide. The numbered headlines indicate the corresponding chapters in the User's Guide.

### I Getting to know your machine

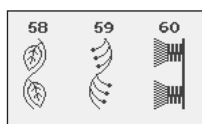
#### D - Heirloom Stitches



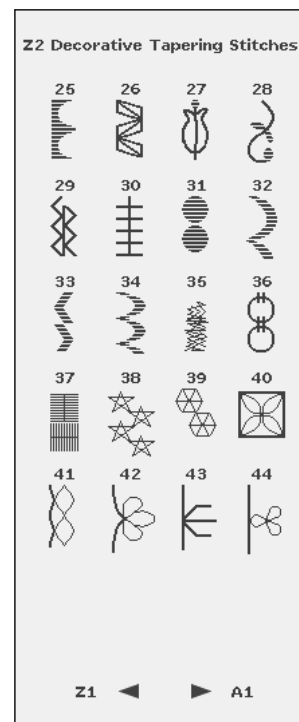
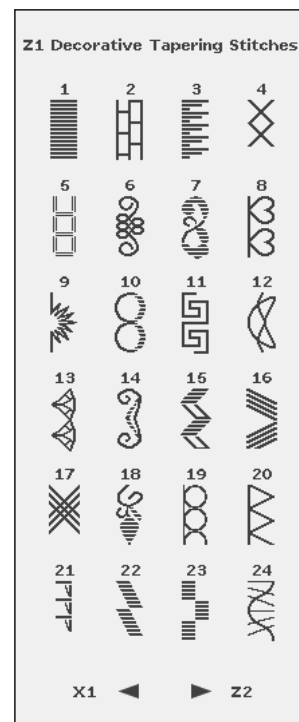
#### H - Scallop Stitches



#### N - Fashion Stitches



#### Z - Decorative Tapering Stitches



### 2 Set Up

#### How to update your machine

##### Updating using the HUSQVARNA VIKING® USB Embroidery stick

*Note: For Update June 2009 your DESIGNER DIAMOND™ machine must be connected to your computer via the USB cable.*

*Updating using USB Embroidery stick is for future updates.*

- To update your machine without connecting it to your computer, open 4D™ Configure, touch Smart Update and follow the instructions on the screen. Select "USB Embroidery stick" when asked what update method to use.

- To set your machine in update mode, press and hold the Stitch Re-Start button and the Needle Stop Up/Down button while turning on the machine. Follow the instructions on the sewing machine screen to update from your USB Embroidery stick.
- When the update is completed the machine will restart automatically.

*Note: Make sure you have at least 10MB free memory on your USB Embroidery stick to be able to download and run the update.*

## 4 Sewing

### Decorative Tapering Stitches

Menu Z includes decorative stitches that can be tapered. Touch the tapering icon to change angle. The machine will sew the beginning tapered point and then continue with the selected stitch. When it has sewn the desired length, touch the reverse button. The stitch will taper to the end.

#### Tapering off

Choose Taper "off" if you don't want Tapering at the beginning or end of the stitch. If you select Taper "off" on both the beginning and end then the stitch will be a regular stitch without tapering.



## 7 Embroidery Edit

### 2-dimensional/3-dimensional view toggle

In 2-dimensional view, the designs load faster on the screen and it is easier to see the color blocks in the design. 3-dimensional view gives a more realistic view of the designs, with added shadows and depth.

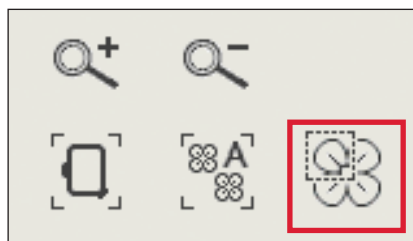
Touch the "3D" icon to change to 3-dimensional view. The icon becomes selected. Touch again to deselect and return to 2-dimensional view.



### Zoom

#### Zoom to Box

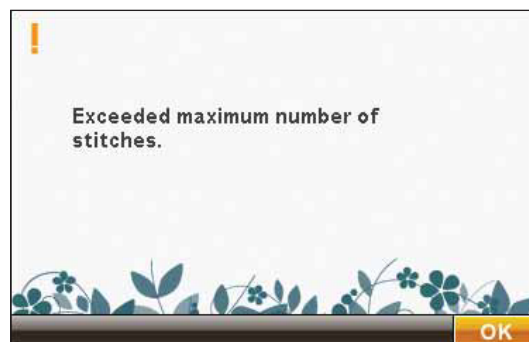
Touch and drag your stylus in the embroidery field on the screen to create a box. The screen zooms to show that specific area.



### Embroidery Edit Pop-up messages

#### Exceeded maximum number of stitches

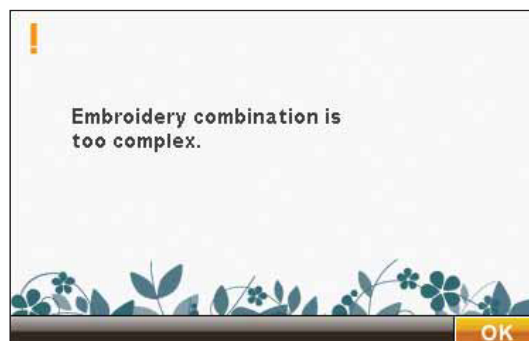
The design combination you are trying to make contains too many stitches. Your design combination can have a maximum of approximately 500,000 stitches.



#### Embroidery combination is too complex

This pop-up message appears for one of the following reasons:

- The design combination contains too many color blocks.
- There are too many designs in the combination.
- One or more designs have been grouped and re-grouped too many times.



## Color Edit

### Select more than one color block

To change more than one color block at a time, touch the Add/Remove Selection icon, then touch the color blocks you want to select/deselect.

Touch the Select All icon to make changes to all color blocks at one time. Add/Remove Selection is automatically activated. To deselect a color block, just touch it in the list. Touch Add/Remove Selection to deactivate the function and deselect all color blocks.

Use Select Equal to change all the same color blocks at one time. Touch the color block you want to change, then touch Select Equal to select all identical color blocks in the color block list. Add/Remove Selection is automatically activated. If two or more different color blocks are selected, Select Equal will select all identical color blocks of all selected colors.

### On-screen display of selected and non-selected color blocks

Selected color blocks are shown in 2-dimensional or 3-dimensional view. Color blocks that are not selected are shown as colored dots on the screen, making it easy to see which color areas in the design will be changed.

### Background Color

Touch Background Color to change the active background color. A window will appear where you can select from 64 different colors.

### Background Fabric

Touch Background Fabric to activate/deactivate the image of background fabric on the Ultimate Interactive Screen.

## 8 Embroidery Stitch-Out

### Design Positioning

#### Zoom to Cursor

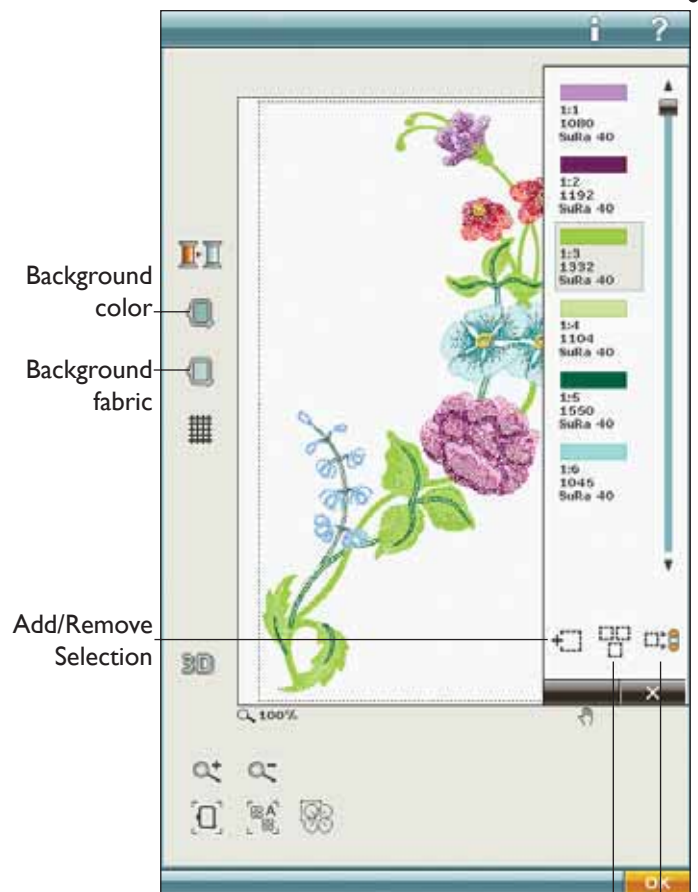
Maximizes the zoom and pans the embroidery area so the cursor position is centered on the screen.

#### Raise needle

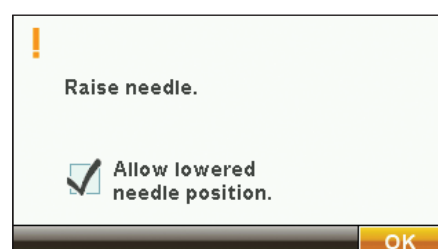
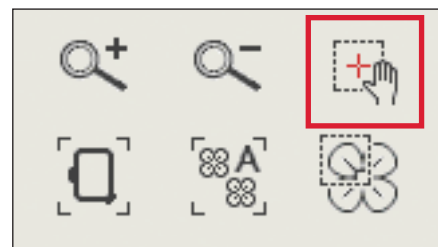
When the needle is lowered with the handwheel to check the needle position on the fabric, a pop-up message is displayed when trying to adjust the hoop position. Check the box to be able to fine tune the hoop position with the needle lowered.

*Note: Make sure the needle is above the fabric to prevent damage to the needle and fabric.*

*Note: The warning cannot be disabled when the needle is below the stitch plate.*



Select All  
Select Equal



## Baste in Hoop

Basting enables you to secure your fabric to a hooped stabilizer. It is especially useful when the fabric to be embroidered cannot be hooped. Basting provides support for stretchy fabrics.

Touch the Baste in hoop icon to add a basting stitch around the design. Touch and hold to open the embroidery basting window.

### Baste around design

Select Baste around design to add a basting stitch around the design, outlining the area where the design will be placed on the fabric.

### Baste around hoop area

Select Baste around hoop area to add a basting stitch around the inside edge of the hoop.

You can select both basting options to add additional hold for certain fabrics and techniques.

*Note: The baste stitches will be added in the color block list, with the possibility to step stitch by stitch and step in and out of the baste color block/s. The baste color block/s will disappear from the color block list when stitched out.*

*Note: Basting can only be enabled when positioned at the first stitch in the embroidery.*

*Note: Touch the FIX button on your machine to activate or deactivate the selected basting techniques.*

## Embroidery Stitch-Out pop-up messages

### Attach correct hoop

If the size of the hoop attached to the machine does not match the size displayed on screen, the machine will not embroider. You must change the hoop to the displayed size or change the hoop setting to match the hoop size attached.

The hoop needs to be inserted properly for the machine to detect it. Slide the hoop connector into the hoop attachment from front to back until it clicks into place.

You will not be able to go to Embroidery Stitch-Out without the selected hoop attached properly.

## 9 File Manager

### Browse File Manager

#### List View

Touch the List View icon to show the files in the current folder listed in alphabetical order. For each file, file name and type will be displayed. Touch the List View icon again to switch back to thumbnail/icon view.

