Barudan

TES
The Embroidery Solution

User's Manual

Version 3 Viewer

Barudan TES

The Embroidery Solution

Version 3

Viewer

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Installing TES Viewer:

Installation of the software

In order to start using the software you have to first install the contents of the CD to your PC. This procedure is referred to as "installation procedure". Please follow the below listed instructions in order to successfully install TES Viewer 3.0 on your personal computer. The TES Viewer 3.0 software comes with the TES Demo CD or alternatively you can download it from the TES 3 website.

In most personal computers the default drive setting for a CD-ROM drive is "D:"

1. Please insert the TES Demo CD-ROM into the CD-ROM disc receiver in your PC. From the main menu, go to "TES V3 Tryout" section and click on "Install TES Viewer".

After some seconds, the Installation procedure of the software will start automatically.
If this does not occur after a short while, you can run the installation procedure manually by going to the "Start" option of Windows, select "Run", type "D:\TESViewer\TESViewer.exe" and click on "OK".

2. After some seconds the step-by-step installation of the software begins with the Welcome window. You can always abort the
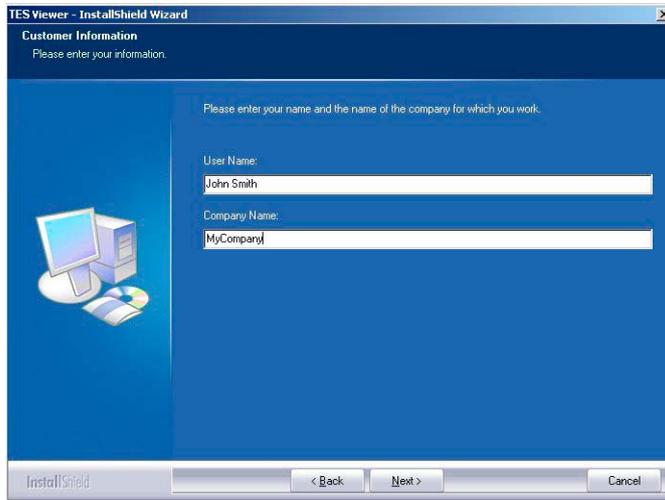
installation procedure by clicking on the "Cancel" button. Click on "Next" to move on the next screen.
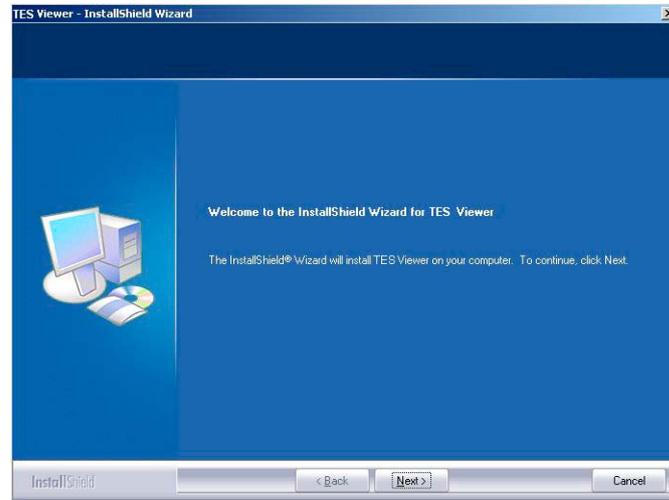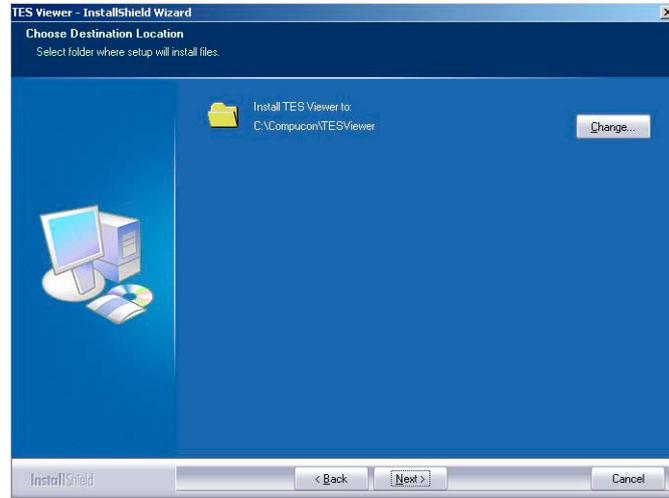

3. After reading and agreeing with terms given in the License Agreement, please click on "Next".
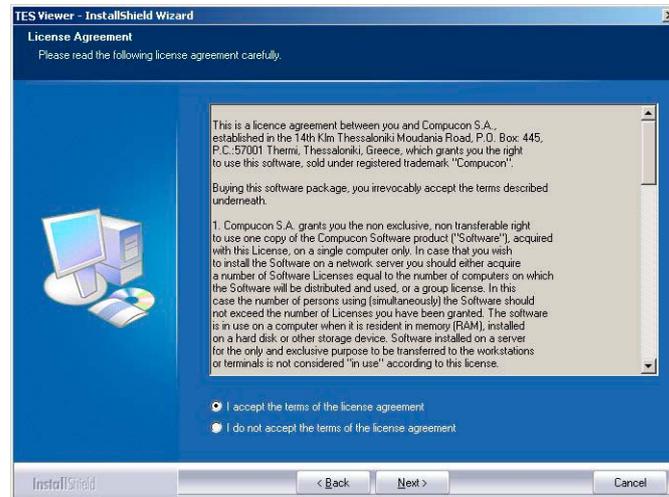
**4.** Now input your User Name and Company Name (if there is no "Company Name", insert any character).

5. Click on Next, and then select the directory where the software should be installed.
It would be recommended to use the default selected directory: C:\Barudan\TESViewer.

Simply click on "Next" to continue.

Installing TES Viewer:
Installation of the software

6. The installation procedure has all necessary information to start. Click on the "Install" button to start.
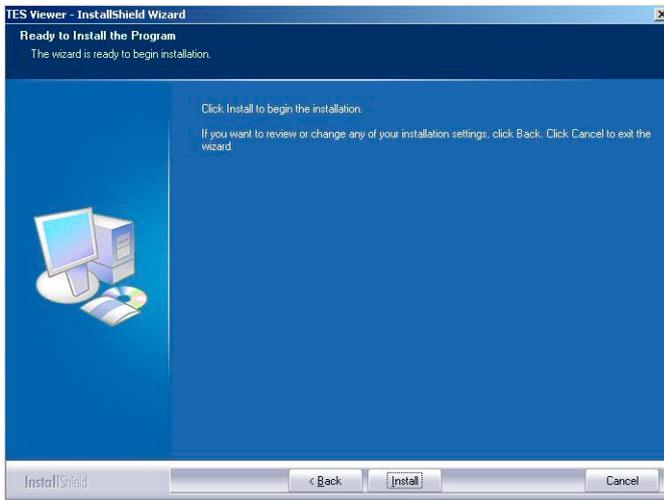
7. The progress bar will indicate the stage of all files being installed, the procedure of installing the TES Viewer software application will finish when the bar is close to the end.

Installing TES Viewer:
Installation of the software
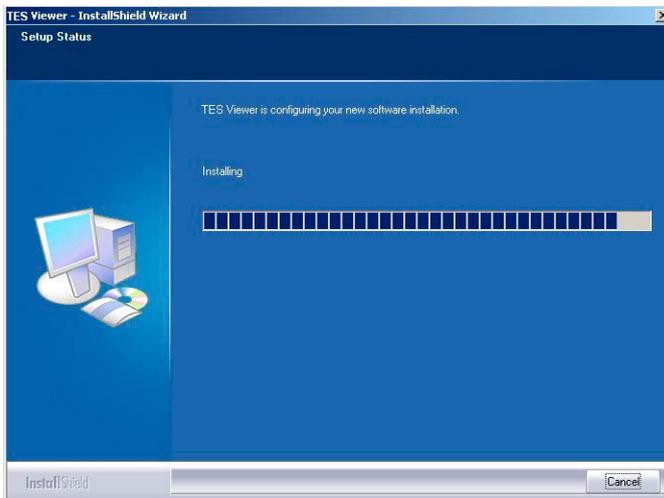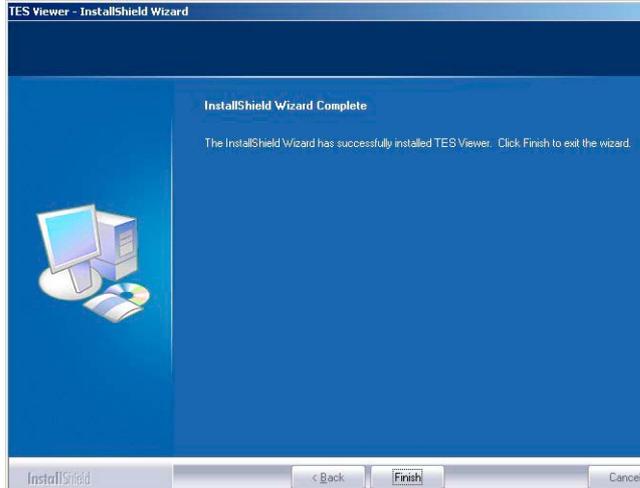
Files and Folders

Open files
A file must be opened with a program that recognizes that file type. For example, if you are trying to open a Stock Embroidery Design (whether it resides on the computer, a CD, or a floppy disk), you must have a program open that can "see" it. Or if you have a document file, a Word Processing program must be opened in order to read and write the file.
1. Double-click on the icon on the Desktop or in "My Computer" that represents the program of your choice. This "launches" the program.
2. Click on "File/Open" to open a file.

Save/Save As files
When you have made any changes to a file, or wish to save this design onto your computer...
1. Select "File/Save As" to give your design a name. Changes made after the initial saving need only "Save" because you already have a name.
2. Close the program if desired.

Screens

Open

From the Blank screen, a file can be opened.

1. Select "File/Open".

2. At the top of the "Open Design File" box, there is a "Look In" Label with a downward (black) triangle. Browse there to locate the correct drive (C: A: or D) and folder. The large white rectangle in the center will display all of the files. Also, you must select the "File Type" i.e. (.DST, etc.).

3. Click on a file, and choose "OK" in the box. The design will open into your TES Viewer screen.

Design Views

Choose different ways to view your embroidery design.

1. Realistic

To view design in simulated embroidery, **choose:** View > Realistic View.

REALISTIC VIEW
Feature that provides realistic simulation in "embroidery thread" of on-screen design .

2. Zoom

Use in Main Toolbar or **choose:** View > Zoom > In (or one of Zoom choices).

3. Stitch Points

To see or hide stitch points (needle penetrations), **choose:** View > Show/Hide Stitche Points.
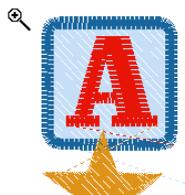
STITCH POINTS VIEW
Feature that displays actual needle penetrations.

NEW TERM

4. Redraw Design

To "stitch" the design on-screen **choose:** View > Redraw Design.
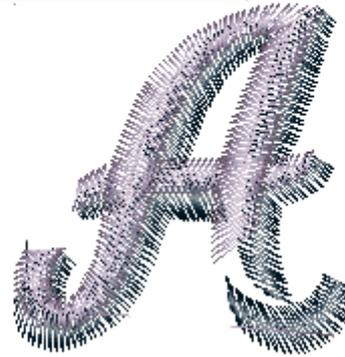
5. Stitch Colors

For thread palette on-screen, **choose:** Tools > Show/Hide Stitch Colors.

Basic Menu

Language
Set your choice of language for the TES Viewer screen.
English (default language)

Unit System
Metric System (default) Millimeters
English System = Inches

General	
Background Color	Click color box to set screen color.

System Parameters:
Basic Menu

Edit

Undo	Undo last action.
Redo	Restore UNDO.

View

Zoom	
Full Screen	Use full screen area without toolbars, rulers, etc.
Show/Hide Image	Turn on or off image.
Show/Hide Grid	Turn on or off grid.

Design

Execute	"Generate" design in machine format for accurate stitch estimate.
Center	Automatically create a perfect center (or, user-defined) origin.
Optimize	Clean up small stitches and jumps.
Move to first Point	Send a jump stitch to the origin point.

Tools

Show/Hide Rulers	Turn on/off on-screen rulers.
Show/Hide Scroll Bars	Turn on/off on-screen rulers.
Ruler	Use Ruler to measure distance between two points.
Protractor	Use Protractor to measure angle of two points.
Set Grid Size	Set values for Grid display.
Select Hoop	Choose Hoop from list or create new one.

Window

Cascade	Choose to "stagger" open windows.
Tile	Choose to "stack" open windows.
Arrange Icons	Arranges the icons of the design when having all designs minimized.
Toolbars	
Rulers	Show/hide on-screen rulers (at left side and top).
Scroll Bars	Show/hide on-screen bars (at right side and bottom).
Windows	Displays all open windows.

Version **3** Viewer

Help

Internet Help	Connect to internet to get information on working with the TES Viewer.
Register your software and get free designs	Connects you to TES 3.0 web site for product registration.
Connect to	
Barudan	For further information and support.
Embroidery Marketplace	To browse and select new designs, fonts and training material.
Compucon	Connect to the corporate Compucon website.
About TES Viewer	View software version information.

Opening or Importing (stitch) Files

New Design
Open a blank screen in TES Viewer to load a design from the Design Library.

»Choose: File > New. A blank screen will open.
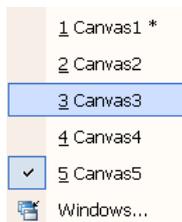
You can have multiple screens open at the same time. View screens in Window drop-down menu.

Open Design
Open an existing stitch file into TES Viewer.

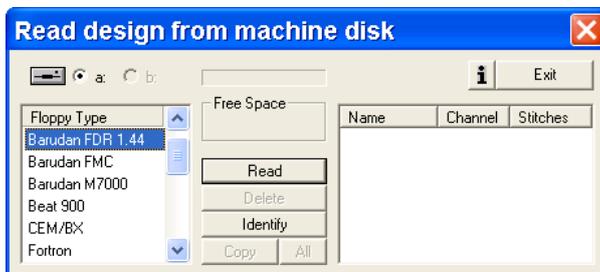**»Choose:** File > Open; choose: folder > (embroidery) file > OK. The selected design will open.

Machine disk

Read
Read design file from commercially formatted floppy.

»Choose: File > Machine disk > Read ; select machine format (left) > design (right) > Read.

NEW TERM

MACHINE DISK
A commercially embroidery formatted floppy disk.

See Close Design in next section.

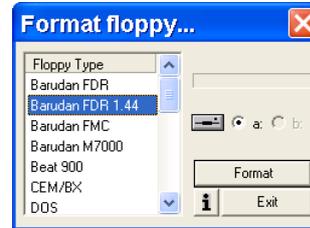The selected design will open.

Format

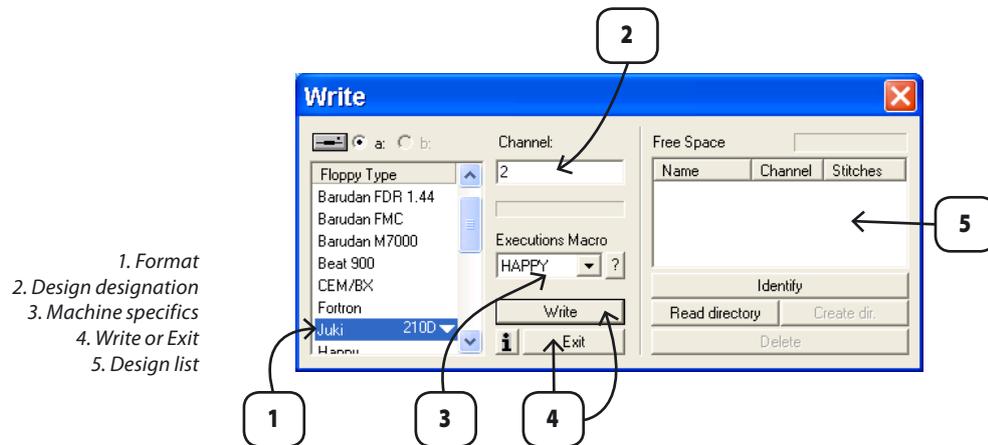Format a new floppy disk as a commercial machine disk.

»Choose: File > Machine disk > Format ; select machine format (left) > Format.

Write

Write current design to machine floppy disk.

»Choose: File > Machine disk; choose format > > Name > Write >OK.

1. Format
2. Design designation
3. Machine specifics
4. Write or Exit
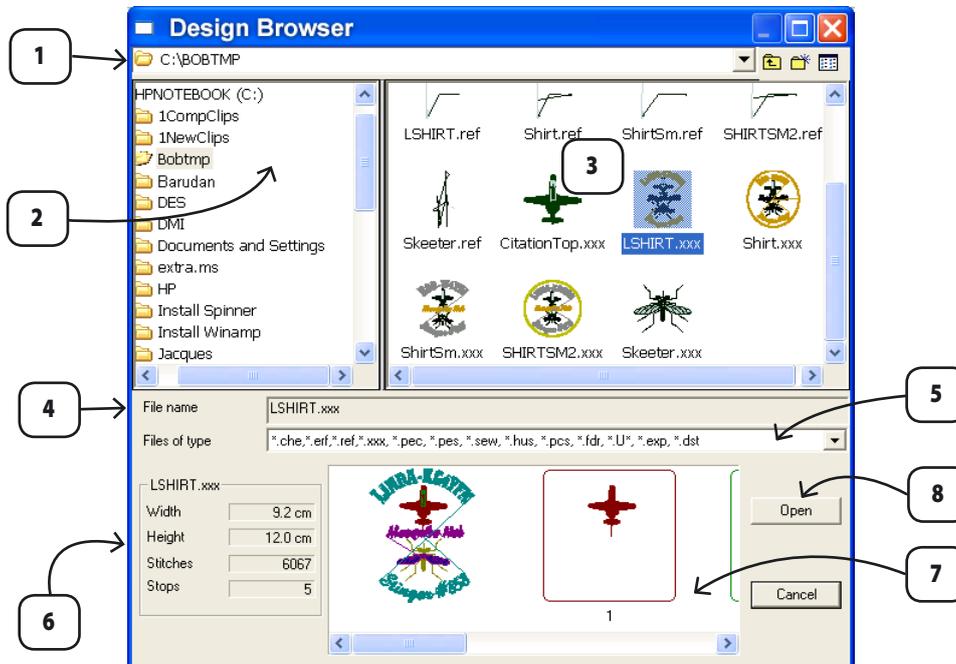*5. Design list*

Design Browser

Use "Design Browser" (works like Windows Explorer) to view all stitch files on computer or storage device.

» Choose: File > Design Browser; choose: folder > design > Open.

1. Folder name *5. Format list*
2. Drive contents *6. File info.*
3. Folder contents *7. Color blocks*
4. File name *8. Open design*

The selected design will open.

Convert Design

Change one or more designs to a specific machine format.

» Choose: Utilities > Convert Designs; **select** (from "Open/Save" box)**:** Drive > folder > format >designs > OK**.**

Then, **choose:** (from "Select Catalogue" box) Drive or Network > Folder > Format > OK.

The selected designs will be changed to chosen format and saved into selected location.

1.Choose design(s) to convert
2.Choose future format and location

Hold CTRL key to select multiple designs.
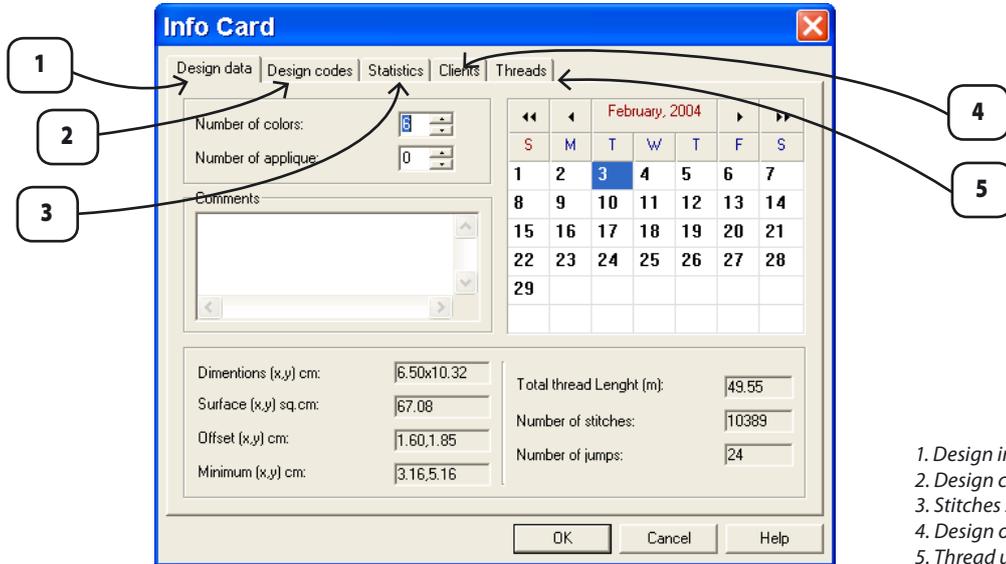*The selected designs formats can be different.*

Info Card

The Info Card is automatically saved with every TES Viewer design. Every detail of the design is recorded, with areas to include your comments, and customer information.
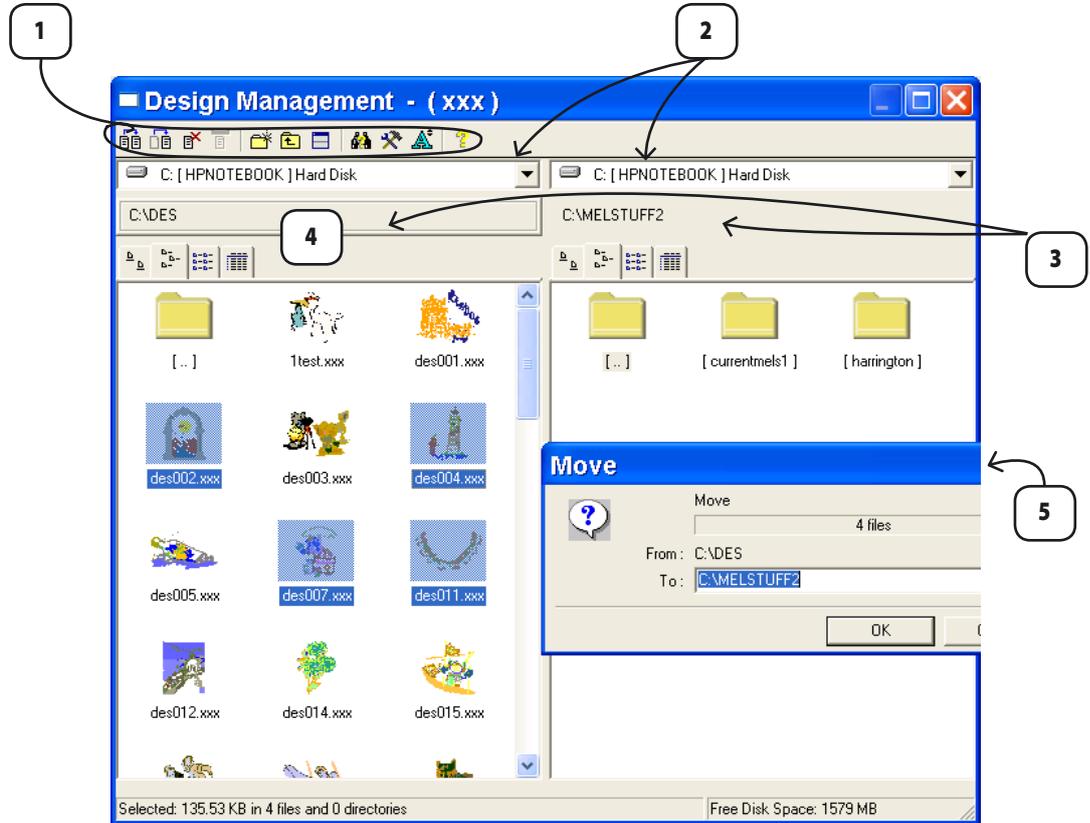
1. Design information
2. Design categories
3. Stitches statistics
4. Design ownership
5. Thread usage

Design Management

Manage files using two windows (of your choice) at-once.

»» Choose: Utilities > Design Management >(copy/paste, etc).
The Design Management Screen will open to organize files between two windows.

1

2

■ **Design Management - (xxx)**

C: [HPNOTEBOOK] Hard Disk

C: [HPNOTEBOOK] Hard Disk

C:\DES

C:\MELSTUFF2

4

3

[..]   1test.xxx   des001.xxx

[..]   [currentmels1]   [harrington]

des002.xxx   des003.xxx   des004.xxx

Move

des005.xxx   des007.xxx   des011.xxx

Move
4 files

From : C:\DES

To : C:\MELSTUFF2

5

des012.xxx   des014.xxx   des015.xxx

OK

Selected: 135.53 KB in 4 files and 0 directories

Free Disk Space: 1579 MB

1. File handling tools   4. Active folder
2. Window drive - Left - Right   5. Action confirmation box
3. Window folder - Left - Right

Saving or exporting (stitch) Files

Save
Save on-screen design.
»Choose: File > SAVE.
The current design will be saved, overwriting the existing one.

⊛ TES VIEWER - [MARE.xxx *]

If changes have been made to a design since the last save, an "" will appear by design name.*

Save as
Save current (previously saved) design "as" (a new name).
»Choose: File > Save As > Name > OK.
The current design will be saved with new name.

Save an additional "version" of a design if making a lot of changes.

Send as Email
Open email program and attach current design.
»Choose: File > Send as Email.
Your email program will open for preparation.

Print

Print on-screen design with relative color information.

»» Choose: File > Print.

A "style sheet" will open for user-defined settings.

BARUDAN Scale: 100% Stitches: 10390 02/03/2004 Design:

2s	13.7	2997	
3s	2.8	702	
4s	2.5	643	
5s	0.8	218	
6s	2.2	499	

☑ Design   ☑ Color Block Analysis

Design | Color Block Analysis

▢ **1:1** 🔍

Show
☑ Design   ☐ Company Logo
☐ Barcode   ☐ Frame Positioning
                  ☑ Mask

Design Properties
☐ Frame   ☑ Origin and End point
☑ Colour   ☐ Points
☑ Jumps   ☑ Applique

Size
Natural :   6.50 x 10.32 cm
Current :   6.50 x 10.32 cm   100 ▴▾ %

1. *Design information*   4. *Printer setup*
2. *Design Colors*   5. *Block color page*
3. *Print layout options*

Customize the design style sheet to your specific needs. Experiment for the best design.

Close Design

Close current TES Viewer screen.
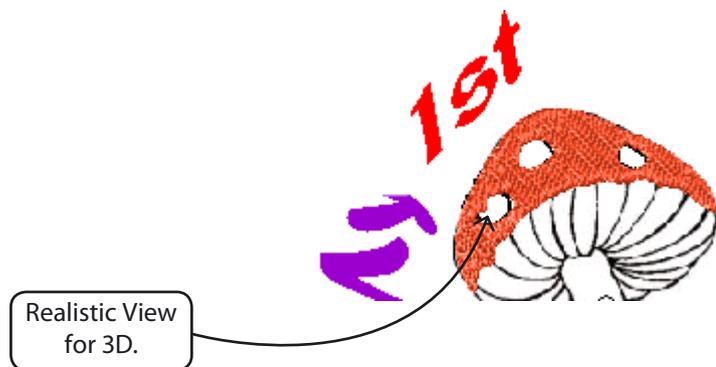
» Choose: File > Close Design.

Current design (window) will close.

You will be prompted to save if design has changes.

View in Real Stitches

Click Realistic View mode to see embroidery stitches.

Realistic View
for 3D.

Design Library

What you'll learn:
In this section you will learn the details of:
   How to Open Library Designs
   Functionality of Library Designs

TES Viewer has a Library of designs for you to download for free from the Internet. Since the designs were created with TES, they have full block edit capabilities. So, they are great for practicing the skills learned in these manuals. Be certain to watch them "stitch out", either on-screen (with Redraw Design), or on your embroidery machine.
You will see how one digitizer made choices about "routing", settings, stitch types, and more.

Get 100 Free Designs from the Barudan website.

Open Design Library
To open the library of embroidery designs:
>> **Choose:** Create > Design Library.

>*Choose a Category*
>> **Click** a category in left-hand column.
The contents of the category open into the right-hand column.

>*Choose a Design*
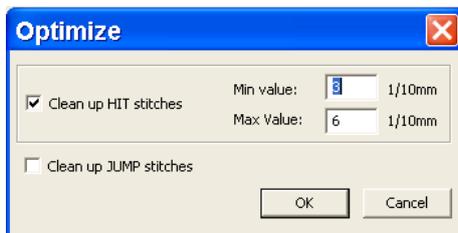>> **Click** on a design in the right-hand column to highlight, and click "OK".
The design will open into TES Viewer screen.

1. Choose a category
2. Click a design.
3. Click OK

Optimize Design

Clean up small and unnecessary stitches and jumps with Optimize. Nearly all machine formats would benefit from using it.
To clean up design:

» Choose: Design > Optimize.

Optimize

☑ Clean up HIT stitches   Min value: 3   1/10mm

                              Max Value: 6   1/10mm

☐ Clean up JUMP stitches

                     OK   Cancel

Stitches: 10389	Stitches: 10104

> **NEW TERM**
>
> **OPTIMIZE**
> *Clean up small and unnecessary stitches and jumps.*

> *You can clean up stitches up to 8/10th mm without losing vital detail; especially if a design is breaking thread.*

Center Design

Create a perfect center origin point. To center design:
» Choose: Design > Center.

> **NEW TERMS**
>
> **CENTER DESIGN**
> *Create a perfect center (or other) origin point.*
>
> **ORIGIN POINT**
> *Location of beginning and ending stitches of a design.*

> *TES Viewer places a start and end point instantly. Notice "blinking" cursor (now in center of design).*

Execute Design

For accurate stitch count of your design, execute it in the intended machine format. The "working stitch count" (at top of screen) doesn't include jumps, etc. To get stitch count:

»»Choose: Execute; select machine from list.

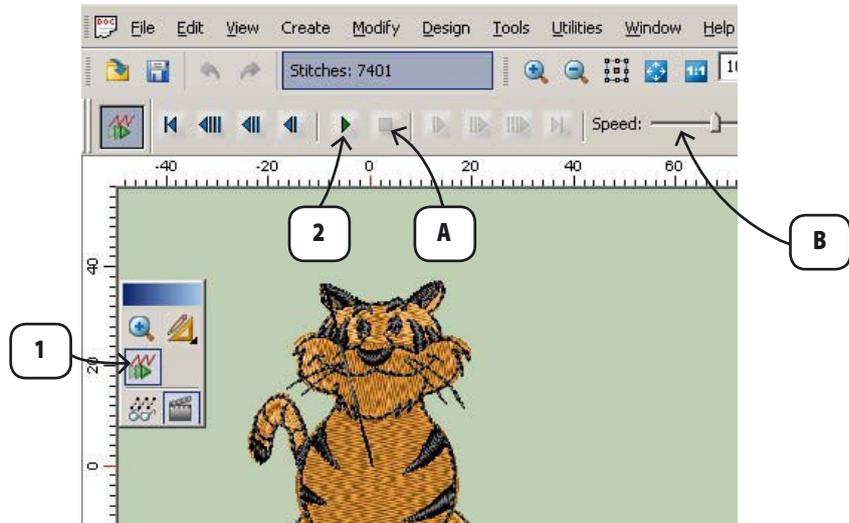*Execute is only for calculation. The design doesn't change.*

Redraw Design

"Stitch" your design on-screen before taking it to the embroidery machine. Often you can catch and change problems. To redraw design:

»»Click: Redraw; Click:Start Drawing.

1. Click Redraw icon.
2. Click Start Drawing.
A. STOP or "freeze" at any time.
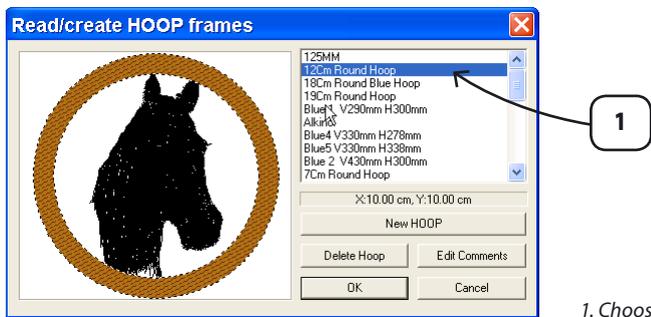*B. Change speed while drawing.*

Post Create Functions:

Find Appropriate Hoop

"Hoop" your design on-screen to find suitable size.
To display hoop around design:
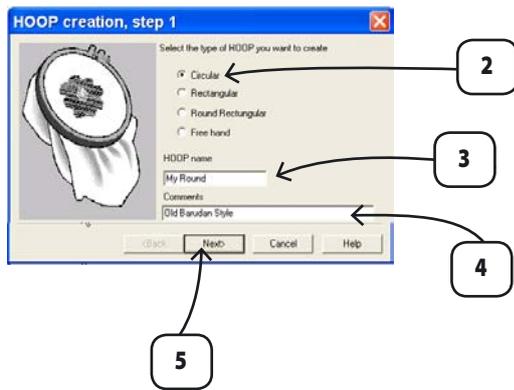
» Choose: View >Show/Hide Hoop; choose from list.

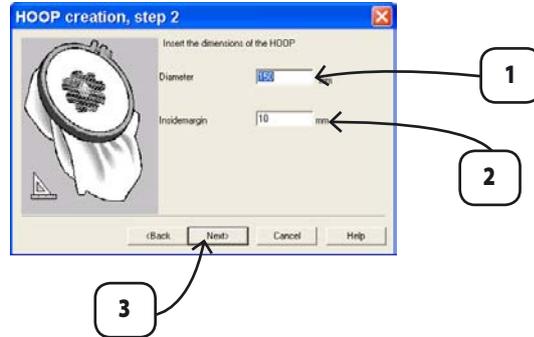*1. Choose Hoop from list.*

Create Custom Hoop

If there isn't a hoop like your's, create it. To create new hoop:

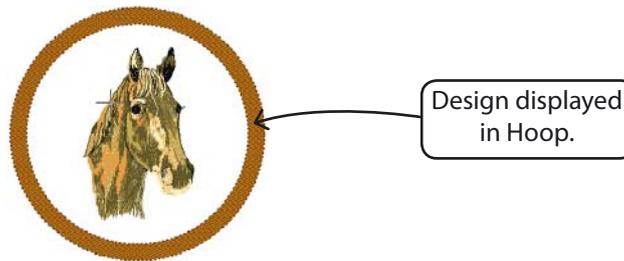**» Choose:** New Hoop; Follow wizard.

1. Choose "New Hoop".
2. Choose Hoop shape.
3. Type Hoop name.
4. Type comments.
5. Click "Next>"

HOOP creation, step 2

Insert the dimensions of the HOOP

Diameter **1**

Insidemargin 10 mm **2**

1. Type Hoop size.
2. Type Margin size.
3. Click "Next>"

‹Back   Next›   Cancel   Help

3

›› Click Finish (in next box) to save hoop.

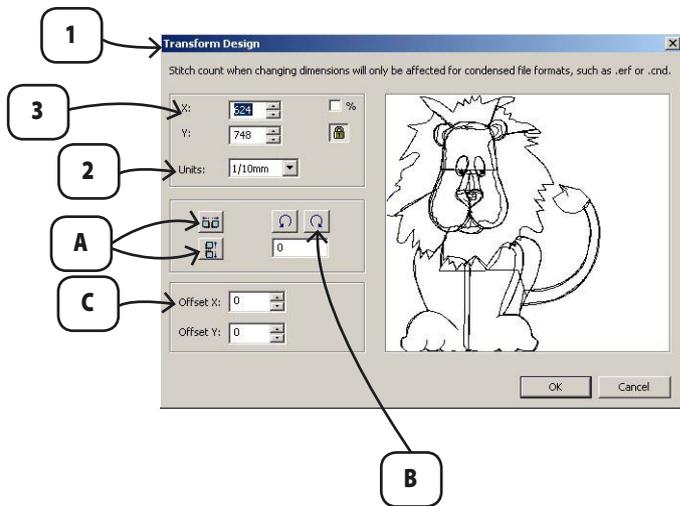Design displayed
in Hoop.

Post Create Functions:

Change Size of Design

At any time you can change the size of your embroidery design.
Even select parts of a design to resize, rotate, or flip.
To change design size:

》Choose: Modify > Change Size.

1. Choose Modify > Change Size.
   Transform Design box opens.
2. Choose measurement type.
3. Change one dimension.
   Both will change if "lock" is enabled.
4. Click OK.

A. Flip horizontally or vertically.
B. Rotate either direction.
C. Offset location.

Post Create Functions:

Barudan

TES

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