

Training:

HAPPY HCS-1201 Voyager Operations & Maintenance For Voyager, Color Monitor with Firmware v1.16

Chapter 2: MACHINE SETUP & ORIENTATION

- Proper Machine Setup
 - Machine environment page 2
 - Upper threading page 3
 - Bobbin threading & Tensioning page 5
- Control Panel 2
 - Sewing controls, what your machine is telling you on the main screen page 6
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 - Important Main Menu functions in detail: Pattern, Setting, page 13 Needle, Read, Position, Option, then (p2) Other, Guide.
- Transferring Designs into the machine, detailed steps
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Proper Machine Setup: Environment

Machine Setup

Control Panel 2

Design Transfer

Temperature and Humidity-Controlled Environment

Set up/store your machine in a temperature and humidity-controlled environment to prevent long-term corrosion and to protect the electronics. Don't keep your machine anywhere you wouldn't keep a laptop or desktop computer!

Clean, Protected Electrical Power

grounded outlets: Your machine uses standard 110v household current. Be sure you connect it to a grounded 3-prong outlet like the one shown here. This is standard in most homes and businesses today, but some older buildings may only have 2-prong outlets.

surge protection: Protect your machine against occasional power spikes (from electrical storms or electrical wiring problems) with at least a basic surge protector. The electronics on your machine can be very expensive to replace. Higher-end surge protectors and UPS units are able to protect against higher energy strikes, and often come with a quarantee.

Steady Table / Mounting Surface

Your machine will perform better (especially at higher speeds) when operated on a strong, level and steady mounting surface. Although on wheels, the optional stand provides plenty of stability, and even more when the wheel brakes are applied at all 4 corners.



Standard 3-prong 110v outlet





Optional machine stand with accessory shelf, casters and wheel brakes



Proper Machine Setup: Upper Thread

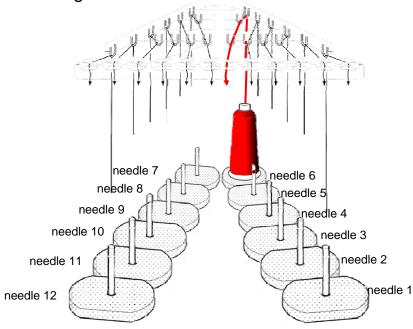
UPPER THREAD

Machine Setup

Control Panel 2

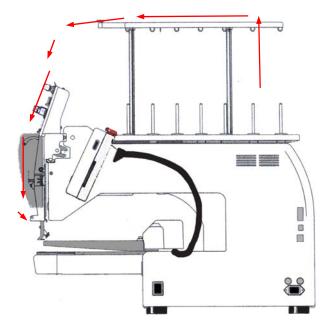
Design Transfer

-Proper Thread Routing: All threads must be routed correctly at all points along the path through the sewing head.



Layout of Cone/Needle Sequence

Needle numbers are arranged right to left, lowest number to highest.



General Thread Route

Thread must pass up from cones through guide holes in thread tree and through every specific point along the face of the sewing head. Thread must be "docked" at the thread holder spring.



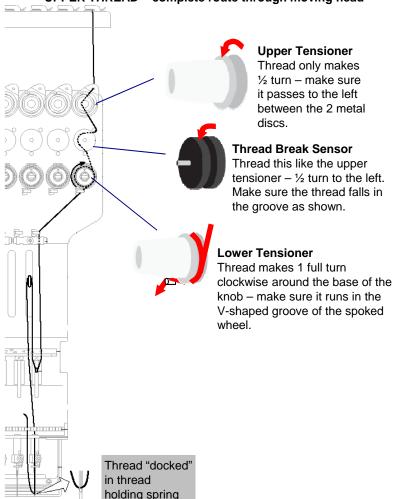
Proper Machine Setup: Upper Thread

Machine Setup

Control Panel 2

Design Transfer

UPPER THREAD - complete route through moving head



- -Proper Thread Routing: All threads must be routed correctly at all points along the path through the sewing head.
- -Practice good thread "Discipline": After threading all needles, ensure there is no slack anywhere along the thread path. Make sure to:
 - -**Pull all threads** to ensure thread feeds smoothly and turns the break sensor, and all slack is removed from around thread cones
 - "**Dock" all thread ends** from each needle onto the thread-holding spring. Prevents thread from coming loose and catching where not desired.



Proper Machine Setup: Bobbin loading and Tension check/adjustment

RE-LOADING THE BOBBIN CORRECTLY

The bobbin will need to be replaced frequently, allowing only 30,000 to 60,000 stitches per spool. This has to be done correctly every time.



1. Ensure bobbin turns clockwise. Pull thread through this slit.



2. Feed thread through eye at the end of the tension flap.

3. Check tension with the "drop" test (explained lower left).

Machine Setup

Control Panel 2

Design Transfer

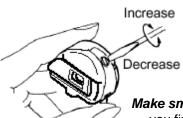


4. Pass thread through the wire loop at the top front of the bobbin case. Do this after you're satisfied with tension, and before inserting into the machine.

CHECKING TENSION WITH THE "DROP" TEST.

- 1. Hold the bobbin case as shown in step 3, after feeding the thread through the eye at the end of the tension flap.
- **2.** "Cast" the bobbin case downward gently, very much like throwing a yo-yo.
- **3. Good tension:** Upon stopping your hand, the slight downward momentum of the bobbin case should cause it to unspool and continue downwards slightly and stop. (If downward motion of your hand causes the bobbin to jump out of the case, try again but more gently).
- Wrong tension: If the bobbin doesn't unspool at all, tension is too tight. If the bobbin unspools on its own when held like in step 3, tension is too loose. Make adjustments if needed as shown on the right.

With a working bobbin case and a properly loaded bobbin, this test reliably tests to 25g on a bobbin tension gauge, precise within 1g. Perform this quick check each time you re-load the bobbin until you are comfortable with tension.



Make small adjustments if you find it necessary. – no more than a ¼ or ½ turn in either direction before rechecking tension.

5. TAKE CARE TO RE-INSERT THE RELOADED BOBBIN CASE FULLY after re-loading or the machine will not function correctly.



Sewing Controls

Basic Sewing Controls

On this page, learn the function of the important sewing controls.

Machine Setup

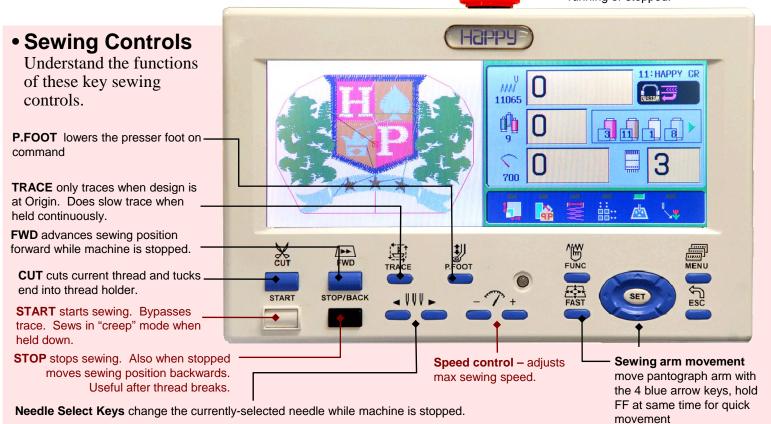
Control Panel 2

Design Transfer

Color Code

Items in black – function only when machine is stopped.

Items in red – function when machine is running or stopped.





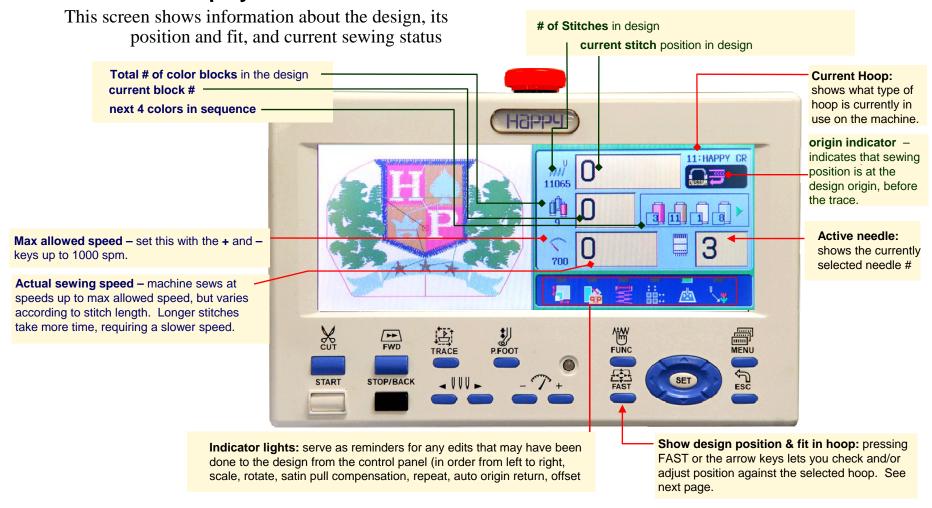
Main Screen Information

Machine Setup

Control Panel 2

Design Transfer

Information Display on the main Drive screen





Main Screen Information

Machine Setup

Control Panel 2

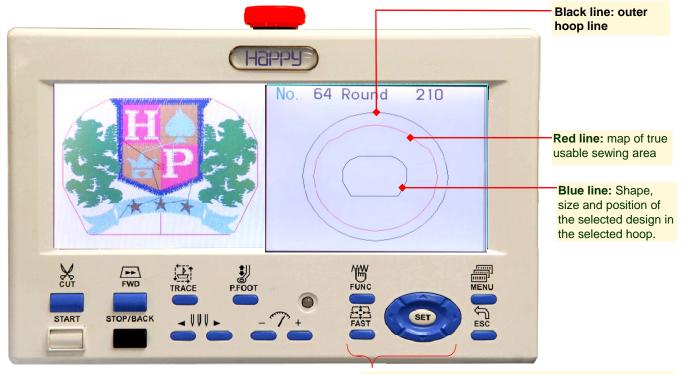
Design Transfer

Information Display on the main Drive screen

Design Position and Fit: From the main screen, you can check design position and fit instantly.

NOTE 1: If blue design outline crosses or falls outside the red area, the design will hit the edges of the hoop while sewing.

Note 2: Use the Trace feature if needed to verify results found here.



Show position and fit by pressing FAST or the arrow keys to show position and fit.

Adjust position by pressing and holding the arrow keys (plus FAST). Outline moves live with the hoop. Do not cross red line to keep design inside the sewable area.



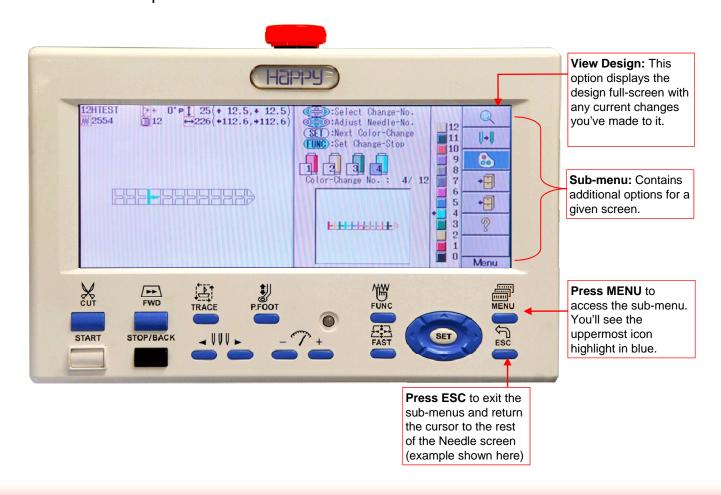
General Tips in Navigating Main Menu Screens

Machine Setup

Control Panel 2

Design Transfer

In many of the screens accessed from the main menu, there are additional options that can be accessed in the same way. In the sample screen shown below, we've illustrated a few simple rules:





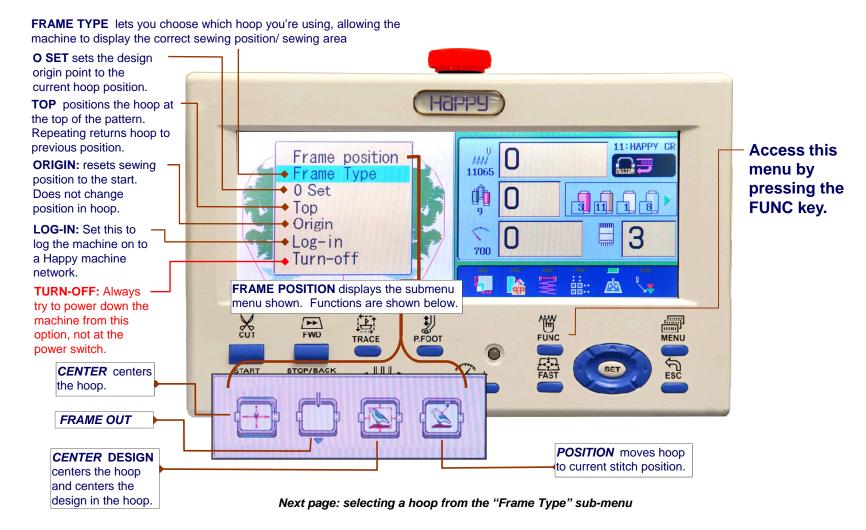
The Function Screen

The FUNC menu allows quick access for key machine functions directly in the main drive screen.

Machine Setup

Control Panel 2

Design Transfer





Function Screen Con't:

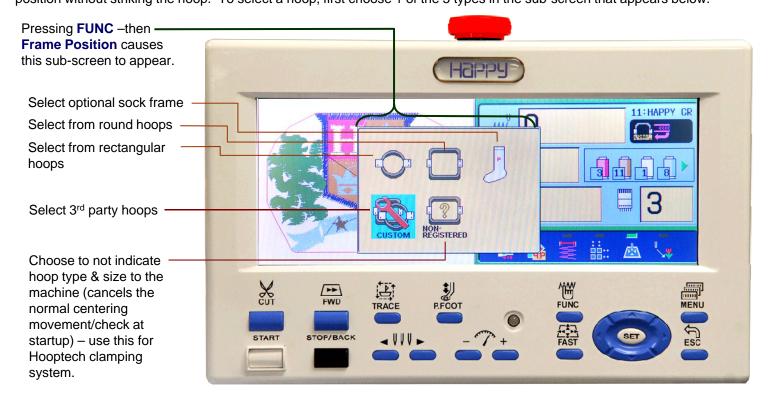
Using "Frame Type" to Select the Hoop to be Sewn

From the FUNC menu, select "**Frame Type**" to tell the machine which hoop will be used. This lets the machine correctly show design position and fit on the screen, improving your confidence in sewing a design in the desired position without striking the hoop. To select a hoop, first choose 1 of the 5 types in the sub-screen that appears below.

Machine Setup

Control Panel 2

Design Transfer



Next page: selecting the actual hoop.



Function Screen Con't:

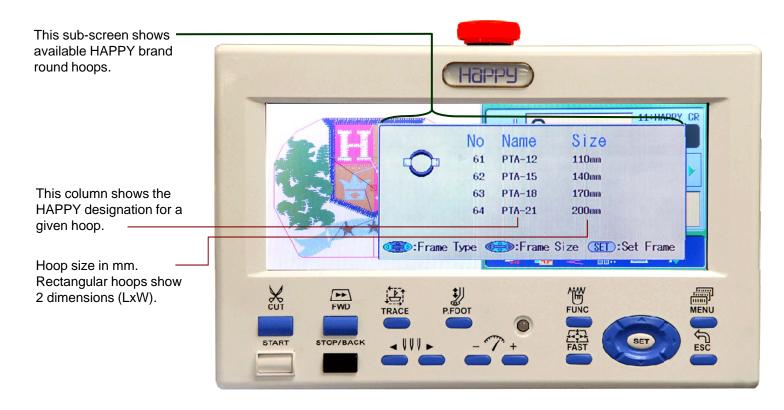
Using "Frame Type" to Select the Hoop to be Sewn

Once a hoop category has been selected, the sub-screen of available hoops appears.

Machine Setup

Control Panel 2

Design Transfer



Note: For the Custom hoop category, hoops can be set up using the Frame screen. See pages 26-30 for more info.



Important Main Menu Sub-Screens

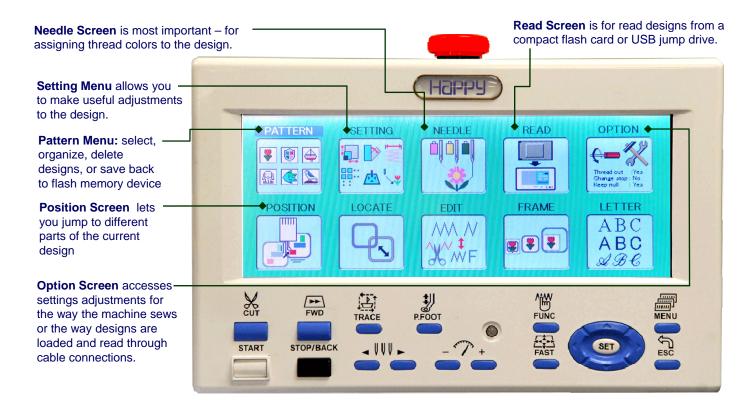
Machine Setup

Control Panel 2

Design Transfer

Important Main Menu Features, page 1 of 2

Shown on this page & the next are functions of the main menu sub-screens.





Important Main Menu Sub-Screens

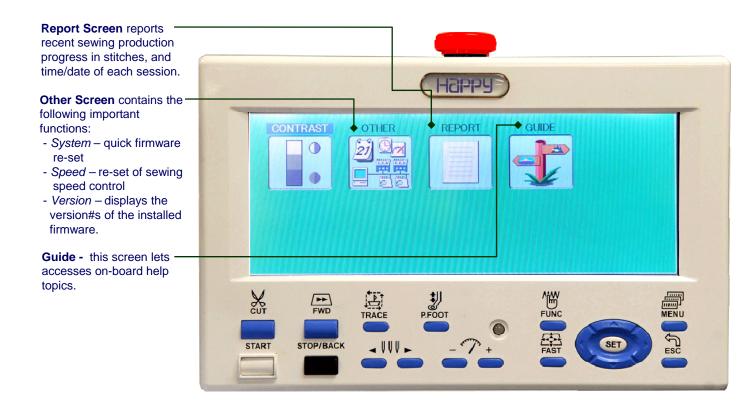
Machine Setup

Control Panel 2

Design Transfer

Important Main Menu Features, page 2 of 2

Shown on this page & the previous are functions of the main menu sub-screens.





Important Main Menu Screens: Needle Screen

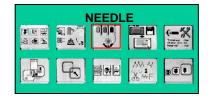
Designs sew in a sequence of *color blocks*. In order that your machine sews each color block with the correct color in the correct order, you can set that color sequence in the Needle screen, shown here.

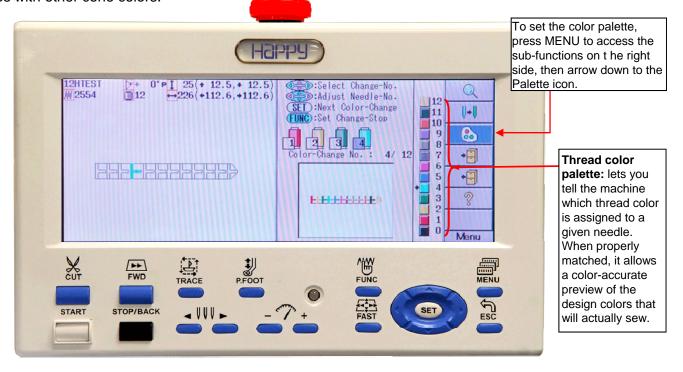
First match the thread color palette to the actual thread colors installed on the machine. You'll only need to do this once for all colors, then only for any time you replace thread cones with other cone colors.

Machine Setup

Control Panel 2

Design Transfer





NEXT: THE COLOR PALETTE



Important Main Menu Screens: Needle Screen

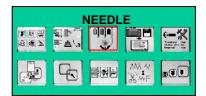
Designs sew in a sequence of *color blocks*. In order that your machine sews each color block with the correct color in the correct order, you can set that color sequence in the Needle screen, shown here.

First match the thread color palette to the actual thread colors installed on the machine. You'll only need to do this once for all colors, then only for any time you replace thread cones with other cone colors.

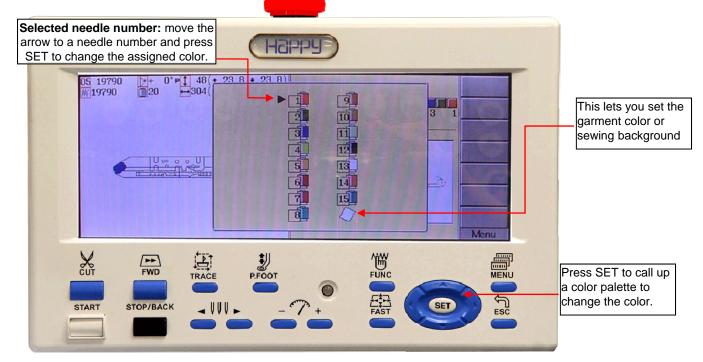
Machine Setup

Control Panel 2

Design Transfer



How to Change the color assigned to each needle: Use the blue arrow keys to move the pointer to the needle whose color you wish to change. Then, press SET, calling up a color palette. Use the arrow keys to choose a different color and finally press SET.



NEXT: HOW TO SET THE COLOR SEQUENCE

Use the up and down arrow

number for the desired color.

kevs to choose the needle



Important Main Menu Screens: Needle Screen

Designs sew in a sequence of *color blocks*. In order that your machine sews each color block with the correct color in the correct order, you can set that color sequence in the Needle screen, shown here.

Machine Setup

Control Panel 2

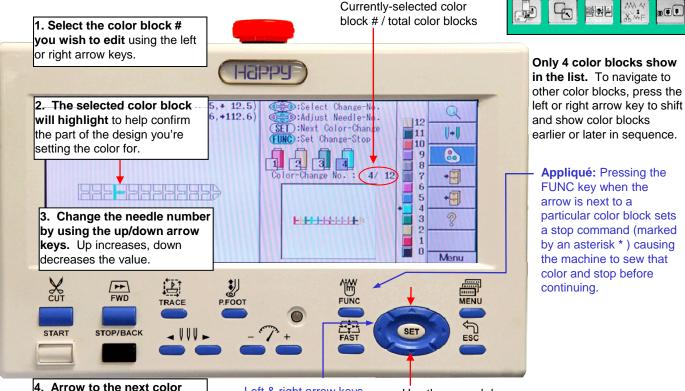
Design Transfer



How to Set the Color Block Sequence for A Design:

Follow steps 1-4 on the right to set the color sequence for a design. When finished, press ESC to return to the main menu, and/or ESC again to return to the main sewing screen.

Note: if a color block isn't assigned a needle #, that block will show a needle # of zero. When reaching that color block number during sewing, the machine will stop and prompt the operator to select a color.



Left & right arrow keys

select the color block

number.

and continue until a needle# is

selected for all the color blocks

in the design.



The control panel can store a maximum of 250,000 stitches of designs, or 99 designs total. The Pattern screen lets you choose from these designs if you wish to sew a design other than the current active design, as well as perform other design management functions such as deleting, re-naming, duplicating and locking designs.

Machine Setup

Control Panel 2

Design Transfer

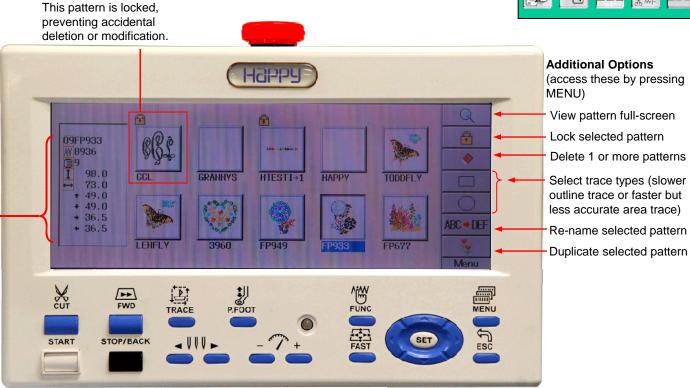


How to choose a design in the Pattern menu:

- 1.Use the blue arrow keys to select a pattern.
- 2.Press the SET key to make that pattern the active pattern.
- **3.Press ESC** to return to the main menu.

Design Information – shows:

- Design name & number
- Stitch count
- # of color changes
- Height in mm
- Width in mm
- Distances from origin point to top & bottom edges
- Distances from origin point to left & right edges



NEXT: 2nd page of right side menu options



Pattern Screen, right side options page 2

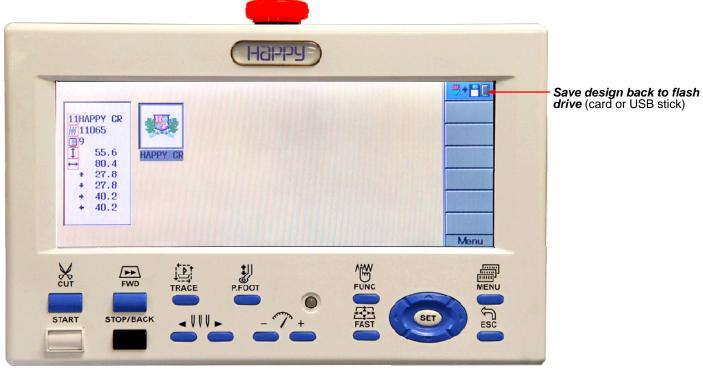
Shown here are the options on the second page of the right side menu.

Machine Setup

Control Panel 2

Design Transfer





NEXT: THE SETTING SCREEN



The Setting screen allows you to perform some useful modifications to the current pattern. Any changes made to a design in the Setting screen will be saved with that design and will be remembered as long as the design stays in the control panel memory.

Machine Setup

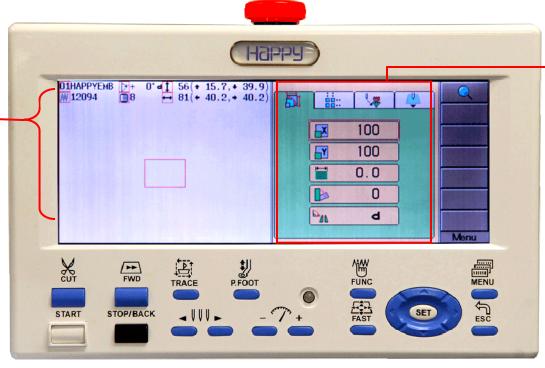
Control Panel 2

Design Transfer



Left side of the Setting screen shows:

- Design information
- Outline of the design to display what's being done to the design i.e. rotation, new size, etc.



The **SETTING** screen is divided into 4 tabbed subscreens. The functions on each tab are described on the next 4 pages.

NEXT: SETTING SCREEN 1st TAB



The Setting screen allows you to perform some useful modifications to the current pattern. Any changes made to a design in the Setting screen will be saved with that design and will be remembered as long as the design stays in the control panel memory.

Machine Setup

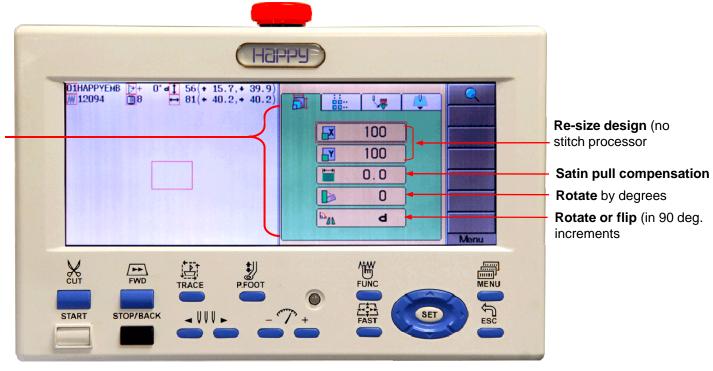
Control Panel 2

Design Transfer



1st Tab: useful design editing functions

The functions found on the default first tab perform the most common edits: re-scale, satin pull compensation, and design rotation.



NEXT: SETTING SCREEN 2nd TAB



The Setting screen allows you to perform some useful modifications to the current pattern. Any changes made to a design in the Setting screen will be saved with that design and will be remembered as long as the design stays in the control panel memory.

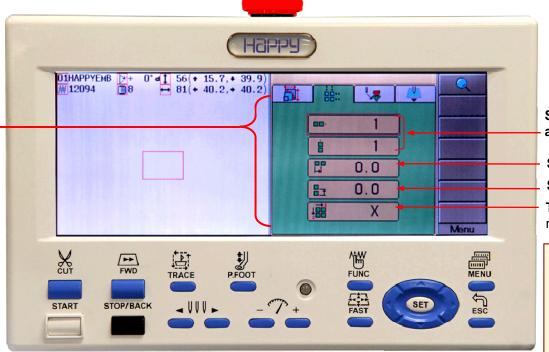
Machine Setup

Control Panel 2

Design Transfer



2nd Tab: Repeat Function: This can be useful if you wish to sew the same design repeatedly on a large hoop i.e. to create a series of patches.



NEXT: SETTING SCREEN 3rd TAB

Set number of rows and columns

Spacing (left-right)

Spacing (up-down)

Toggle between "sew by row" or "sew by column"

Note on Spacing:

spacing values should be set to the design size plus the desired value. For example, if wanting to repeat a 100mm wide design 20mm apart, the left-right spacing should be set to 120mm.



The Setting screen allows you to perform some useful modifications to the current pattern. Any changes made to a design in the Setting screen will be saved with that design and will be remembered as long as the design stays in the control panel memory.

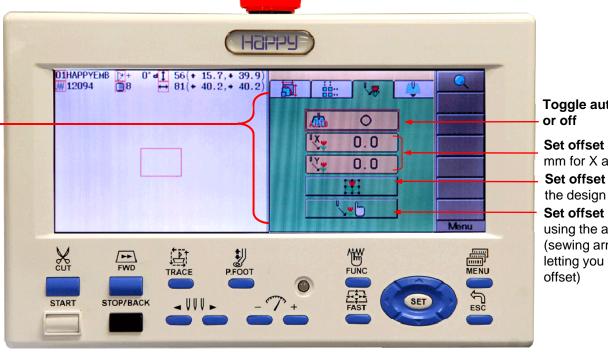
Machine Setup

Control Panel 2

Design Transfer



3rd Tab: Offset: This function allows you to program a design to sew a design offset from center by a given distance in mm in the X and Y directions. Note that –Y values move the design lower in the hoop and vice-versa. -X values move the design to the left in the hoop and vice-versa.



Toggle auto origin on or off

Set offset distance in mm for X and Y values **Set offset to a corner** of

Set offset distance by using the arrow keys (sewing arm moves, letting you "eyeball" the offset)

NEXT: SETTING SCREEN 4th TAB



The Setting screen allows you to perform some useful modifications to the current pattern. Any changes made to a design in the Setting screen will be saved with that design and will be remembered as long as the design stays in the control panel memory.

Machine Setup

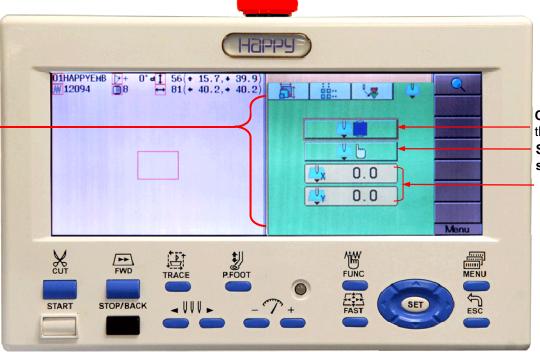
Control Panel 2

Design Transfer



4th Tab: Frame-out for applique

"Frame-Out" lets you command the machine to stop after sewing a specific color block number and then move the sewing arm towards you by a specific, pre-programmed distance. As an example, this is useful when sewing appliqué, where sewing needs to pause after the marker stitch has been laid. However, it can also be done more simply in the Needle screen (see page 12 in this chapter)



Choose color block # where the frame-out occurs.

Set frame-out by moving sewing arm

Set frame-out movement numerically by entering exact X and Y values in mm

NEXT: THE READ SCREEN



The Read screen is used to read designs from a compact flash card or USB

jump drive.

Choose CF card or USB Jump drive from the selections shown on the right when first selecting "READ".

Right side: design list from the card: shows 8 designs at a time - to view the rest. arrow down below the list bottom or up to go higher.

Machine Setup

Control Panel 2

Design Transfer



side options

Left side: "read settings" for the design: allows you to adjust the way the machine reads in a design. Some useful features are illustrated here.

combine jump – net effect reduces the number of trims in a design

stitch sweeper – always turn on, removes problematic short stitches.

sweep length -lets you set the max size of the stitches it deletes in tenths of a mm. 4 is the recommended value.



NEXT: THE POSITION FUNCTION



Important Main Menu Screens: Position

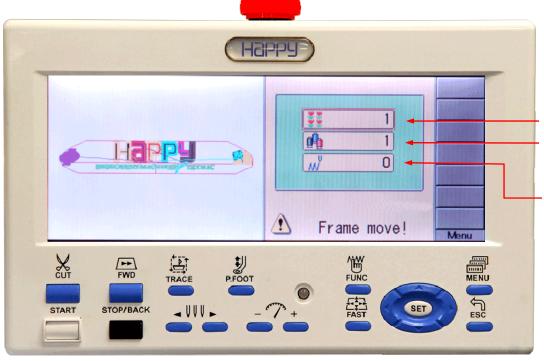
Use the Position function if you wish to start sewing a design at any point other than the beginning. Note that this is not used to return to position after a power fail recovery or sewing interruption: in those cases, use the Position option accessed from the FUNC key (when in the main "drive" screen)

Machine Setup

Control Panel 2

Design Transfer





Set sewing positon by repeat # (if repeat function is used

Set sewing position by color block # - This is used most commonly.

Set sewing position by stitch# - Useful if you remember the exact stitch # where the machine left off sewing

NEXT: THE FRAME FUNCTION



Main Menu Screens: Frame Screen

The Frame function performs the same function as FUNC -> Frame Type (to select a hoop and check fit and position), but also allows for further setup of custom hoops.

HOW TO USE THE "FRAME" FUNCTION

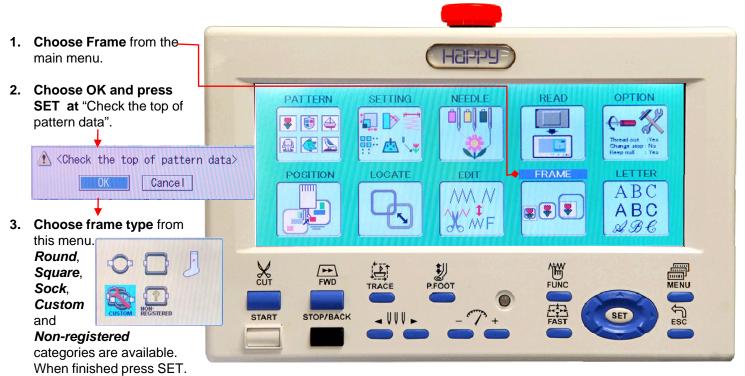
Follow the steps on this page and the next to use the Frame function.

Machine Setup

Control Panel 2

Design Transfer





Continued on next page

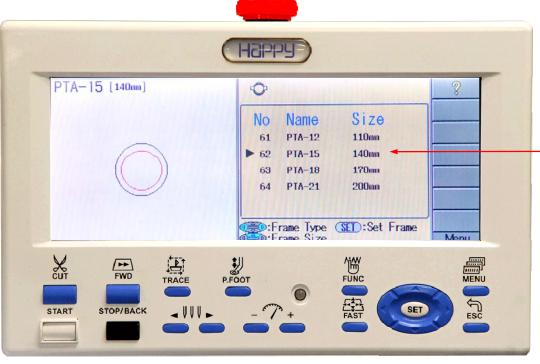


The Frame function performs the same function as the FAST button in the Main/Drive screen, (but with a few more options). It allows you to choose a hoop, then see/adjust position and fit.

HOW TO USE THE "FRAME" FUNCTION

Follow the steps on this page to use the Frame function. (continued from previous page)

- 4. A screen appears showing the available hoops for that category. In the example on the right, the Round hoop category was chosen, so a list of available round Happy hoops are shown. Sizes are indicated in mm in the right column (ignore the left column of 2-digit numbers). For example, if you wish to choose a 12cm hoop, choose "120".
- 5. Press SET to select the hoop. Design outline appears in blue. Red line is the safety margin for the hoop. Black outline is outline of hoop itself.



Machine Setup

Control Panel 2

Design Transfer



Choose a hoop and press SET: the right side numbers indicate hoop size in mm. (The left side number is an internal reference # and not useful)



The Frame function performs the same function as the FAST button in the Main/Drive screen, (but with a few more options). It allows you to choose a hoop, then see/adjust position and fit.

HOW TO USE THE "FRAME" FUNCTION

Follow the steps on this page to use the Frame function. (continued from previous page)

Machine Setup

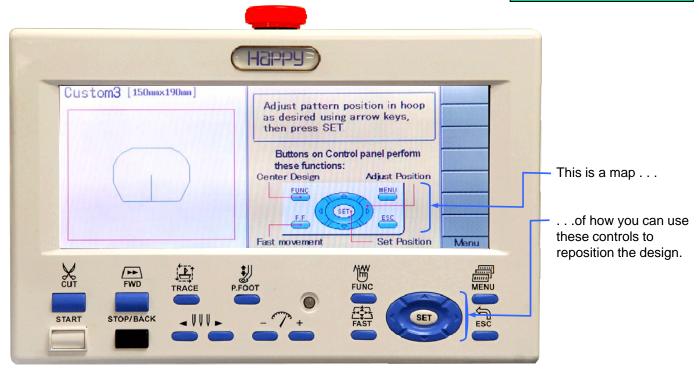
Control Panel 2

Design Transfer

6. Check position and fit, use the controls to adjust if needed or desired. For HAPPY hoops, the red outline is an accurate indicator of the safe, usable area and position in the hoop. Use the arrow keys to move the design position (blue outline) within the usable area. If the blue outline is too big for the red area, it means the design is too large for the selected hoop.

To auto-center the design in the hoop, you can press FUNC, as indicated by the control map on the right side of the screen.

7. Press SET to confirm and trace when finished before exiting back to the main menu and Drive screen.



NEXT: HOW TO SET UP FOR CUSTOM HOOP SIZES IN THE FRAME SCREEN



Working with Custom Hoops: The "Custom" category allows the setup of up to 5 non-standard hoops, allowing custom dimensions for either round or rectangular hoop, plus the ability to add a precise custom "map" of the hoop's true, usable sewing area.

Machine Setup

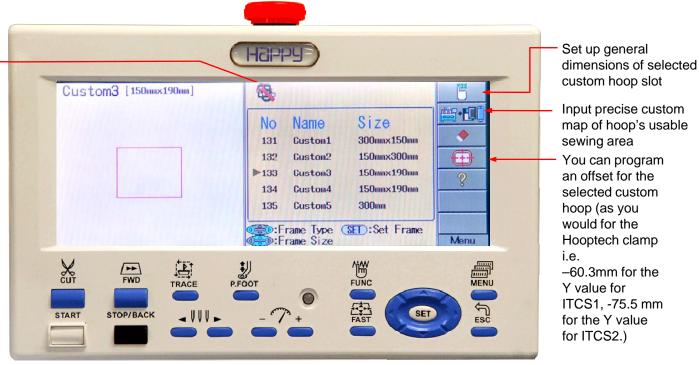
Control Panel 2

Design Transfer



STEPS FOR WORKING WITH CUSTOM SIZED HOOPS

- **1. Choose "CUSTOM"** for frame type using the left/right arrow keys.
- 2. Select 1 of the 5 available slots and press SET to select a user-defined frame.
- 3. To edit/set up a selected user-defined frame, press MENU after selecting it. This allows you to choose the Data Entry mode for that hoop. (shown top right).



Continued on next page

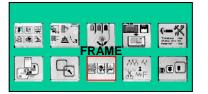


Working with Custom Hoops: The "Custom" category allows the setup of up to 5 non-standard hoops, allowing custom dimensions for either round or rectangular hoop, plus the ability to add a precise custom "map" of the hoop's true, usable sewing area.

Machine Setup

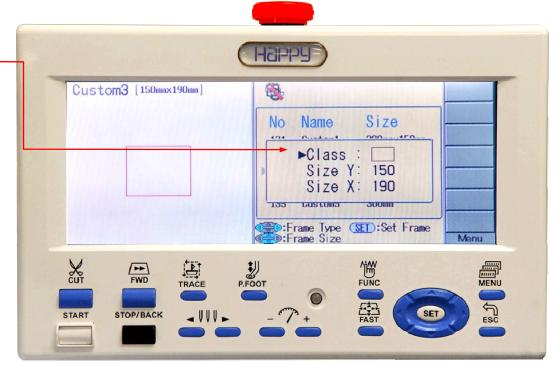
Control Panel 2

Design Transfer



STEPS FOR WORKING WITH CUSTOM SIZED HOOPS (con't)

- 4. Set the hoop class choose round or rectangular then press SET. __
- 5. Set the hoop size For a round hoop, enter 1 number: the diameter in mm. For a rectangular hoop, enter 2 numbers: the height (Y) and and width (X) in mm.
- 6. The new hoop size will appear next to the custom slot you've set up.



NOTE: On 3rd-party hoops, actual sewing area may differ from hoop's stated size, based on hoop shape presser foot clearance and other factors. Always test sewing area after entering hoop dimensions. This is especially true of square/rectangular hoops. Entering map data of the hoop's usable area (previous page) lets you see the fit more exactly.

Next: Transferring Designs



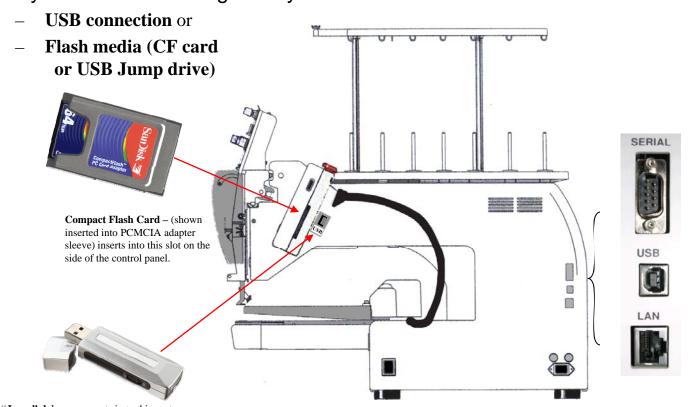
Transferring Designs into Your Machine

Machine Setup

Control Panel 2

Design Transfer

In this section, we provide detailed steps about the 2 most common ways to transfer a design into your machine to be sewn:



USB port is found on side wall of machine with other ports. You can connect a Windows PC to the machine with a USB cable so you can transfer designs and perform other functions.

USB "Jump" drive – connects in to this port just behind the control panel on later-model Voyagers. Accepts different brand thumb drives. 1Gb max capacity officially supported, but up to 16Gb drives have been found to work. (Note: if unreadable, re- formatting the drive in Windows in FAT32 often helps.)

On the following pages, we'll go over the steps for both methods in detail. Next: USB connection



Transfer via USB Connection

Machine Setup

Control Panel 2

Design Transfer

One-Time Set-up of the USB Connection (continued from last page)

Follow the steps on these pages to set up your PC for a USB connection. You'll only need to do this once.

1. Run the CD that came with your machine before connecting your HAPPY machine to your computer.

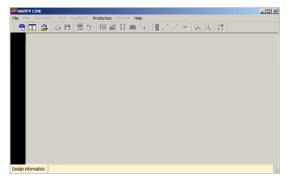


2. Wait for the CD install screen to appear.

- 3. Install
 HAPPYLINK.
 Install 3.07 or
 newer for Vista 64
 or Windows 7 64
 bit.
- Click to install the appropriate USB driver for your Windows Operating system.



5. Launch the HAPPYLINK program you installed in Step 3.



HAPPYLINK program window

6. Click on File...Options until the dialog box shown below appears. Ensure that the dialog box is set as shown below, then click OK.



For 64-bit versions of Windows Vista and all versions of Windows 7, choose USB-COM. You'll have to find the port# after connecting your Happy machine via USB cable and letting the driver set up, as in the next page. Return to this screen here on the left after finding the virtual COM port# assigned to your HAPPY machine by Windows.



Transfer via USB Connection

Machine Setup

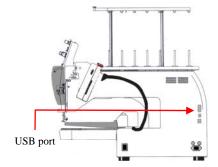
Control Panel 2

Design Transfer

One-Time Set-up of the USB Connection (continued from last page)

Follow the steps on these pages to set up your PC for a USB connection.

5. Ensure that your HAPPY machine is turned off, and connect a USB cable between your PC and the machine. You may use the cable that came with your machine or purchase a longer one at any computer supply store. Ensure that any USB cable you purchase is high-quality and under 16 feet.

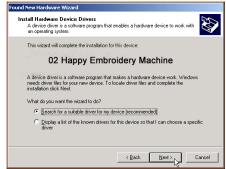


Connect USB cable to any USB port on your

6. Power on your HAPPY machine and watch your PC screen. Windows should detect the machine, starting the Hardware Installation Wizard, similar to what is shown below.



7. Continue through the prompts, ensuring that at some point, Windows identifies the new hardware as "02 Happy Embroidery Machine" for Windows XP / Vista 32, or, in Vista 64/Windows 7, lists it in the Device Manager under Ports. Be sure to note the port#.



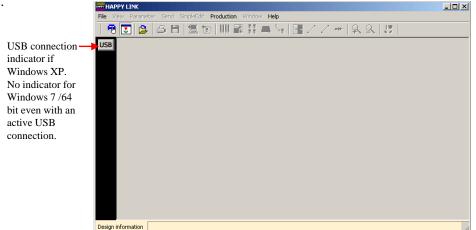
8. Continue until the message "Your new hardware is installed and ready to use" or a similar message appears.



Transfer via USB Connection

One-Time Set-up of the USB Connection (continued from last page)
Follow the 11 steps on these pages and the next to set up your PC for a USB connection.

11. Launch the HAPPYLINK program again. If you've done everything correctly, the USB connection indicator should appear as a solid grey icon in the top-left corner of the program bar as shown below.



NEXT: Actual Steps to Transfer a Design by USB Cable

Machine Setup

Control Panel 2

Design Transfer

Machine Setup

Control Panel 2

Design Transfer

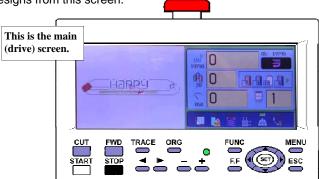


Transfer via USB Connection

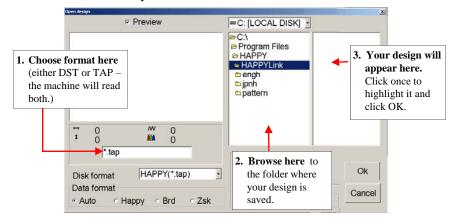
Actual Steps to Transfer a Design by USB

Once you've properly set up HAPPYLINK and the USB drivers on your PC, you'll only need to follow the 5 steps on this page to actually transfer designs.

 Ensure that the machine is powered on and at the main (drive) screen. Your PC will only be able to transfer designs from this screen.



2. Connect the USB cable between machine and PC if you haven't already done so.



- 3. Launch the HAPPYLINK program and check to ensure the USB icon is lit.
- Click the Send Pattern Icon. The design will transfer from your PC to the machine.



4. Open your design by clicking on File...Pattern Open.

The above dialog box appears. Follow the directions indicated above, and your design should open (in grey tones) into HAPPYLINK.



Transfer by CF card or Jump Drive

Machine Setup

Control Panel 2

Design Transfer

Which Compact Flash cards to buy

The slot located on the side of the machine's control panel accepts flash memory cards, to allow you to transfer designs into memory from a computer. To do this, you'll need to buy the 3 items shown on this page from most stores that sell computer or digital camera supplies.



USB "Jump" Drives are a little easier to work with they require no adapter and plug directly into the USB port behind the control panel. They are not as brand-specific. Larger capacity jump drives are more likely to work. Be sure the drive is formatted in FAT32 for capacities larger than 1Gb.

Note: If your machine is unable to read a particular USB jump drive, (error code 133-bad disk), you can temporarily copy the files off the jump drive (I.e. to a folder on your PC), re-format the drive to FAT32, then copy the files back.



NEXT: ALTERNATE FORMS OF FLASH MEDIA



Transfer by CF card or Jump Drive

Machine Setup

Control Panel 2

Design Transfer

Other Types of Flash memory (What not to Buy)

Your HAPPY machine was designed to accept other types of Flash cards, but none have worked as successfully as Sandisk-brand compact flash cards. For your assistance, we've identified other types of flash memory cards available below. We have attempted to show the cards approximately to scale with each other. Note that compatibility with these types may improve as revisions of the machine's on-board firmware and hardware are released.

GOOD



SanDisk brand Compact Flash card:

This has worked with the greatest success with HAPPY machines, and is widely available.



Jump Drive Brands: To date, most brands of USB jump drives have worked. Most larger capacity drives are even readable (4Gb, 8Gb, etc)



Other brands of compact Flash card: Some other types work, although not all.



Memory Stick: This has been the least successful of the other Flash media types



SD Card: Few brands of this type have been found to work.



Other Types of Adapter Sleeves: All-in-1 adapter sleeves have had limited success, even Sandisk brand.



SmartMedia Card: Few brands of this type have been found to work.

NEXT: HOW TO USE YOUR COMPACT FLASH CARD or JUMP DRIVE



Transfer by Flash card or Jump Drive

Machine Setup

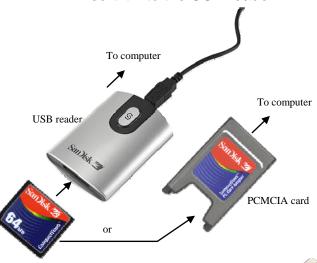
Control Panel 2

Design Transfer

How to Use CF Cards or USB Jump Drives to Transfer Designs

Follow the steps on these pages to transfer designs from a PC into your HAPPY machine with a Compact Flash card.

Connect the Compact Flash card or USB
 Jump drive to your computer. For compact
 Flash, nsert the card into a PCMCIA adapter first
 (if your laptop has this type of slot) or otherwise
 insert it into the USB reader.



For USB jump drives, just plug the drive into any available USB port on your PC.



2. Browse here to

your design is

saved.

the folder where

2. Start HAPPYLINK and open the design

you wish to transfer from File... Pattern

Open. You'll see the dialog box below

appear. Follow the directions.

HAPPY(*.tap)

□ Happy □ Brd □ Zsk

Disk format

Data format

39

highlight it and click OK.

Ok

Cancel



Transfer by CF card or Jump Drive

Machine Setup

Control Panel 2

Design Transfer

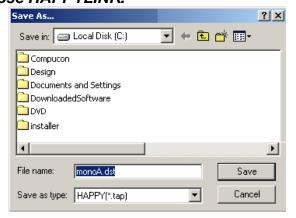
How to Use CF Cards or USB Jump Drives to Transfer Designs

Follow the 9 steps on these pages to transfer designs from a PC into your HAPPY machine with a Compact Flash card.

3. (optional step) Set the color sequence. Click on the icon shown below to do so. Or if you choose, you can set colors in your machine.



4. Save the file to the Flash card or Jump Drive. Click on File...Save As. The dialog box shown below appears. Look for "removable disk" in "Save in" give it a name and click Save. *Then, close HAPPYLINK*.



5. Click on Safely Remove Hardware Icon to shut off the card. You'll find this icon at the lower-right edge of the screen near the clock. Continue until the message "It is now safe to remove" appears.





Transfer by CF card or USB Jump Drive

Machine Setup

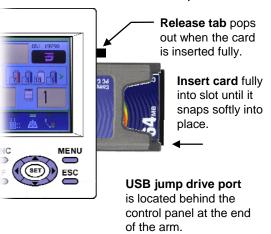
Control Panel 2

Design Transfer

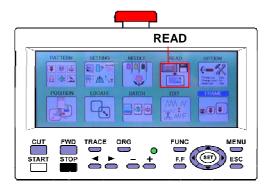
How to Use CF Cards or USB Jump Drives to Transfer Designs

Follow the 9 steps on these pages to transfer designs from a PC into your HAPPY machine with a CF card or USB jump drive.

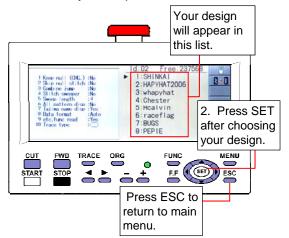
6. Insert the Flash card or USB jump drive into the machine. For a CF card, you'll need to insert the card into the PCMCIA adapter sleeve.



7. Go to the Read screen in the control panel to read the card. From the main (drive) screen press MENU and click the blue arrow keys to go to the READ and press SET. In the window that appears, choose Flash card or jump drive and press SET.



8. Find your design in the list. Any DST & TAP designs will show automatically in a list on the right. Choose your design with the blue arrow keys and press SET.



9. Press ESC to return to the main (drive) screen. Once the design is imported from the READ screen, press the ESC button until you've returned to the main Drive screen, where image of your design should now appear. (The next step will be to set the colors in the Needle screen.)

NEXT: CHAPTER 3: SEWING CHECKLIST, UPPER TENSION TEST