

HAPPY HCH-701 Journey Reference Card 1 of 2: Design Setup

Follow the 4 steps on this card to set up a design. The next card #2 will then take you through sewing.

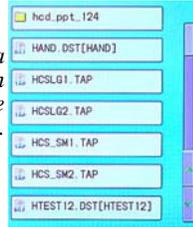
1. Read in a Design from a USB flash drive. From the Drive screen, press the menu icon as shown by the arrow.

Insert a USB flash drive into the machine, and press  then .

Choose a design from the list.

A list of design appears as shown, right.

Select a design to load and press  to return to Drive mode.



2. Choose design thread colors. Press the Needle button on the Drive screen as shown.

The screen shown on the right appears. Set design colors by following these directions.



Arrows select which section of the design.

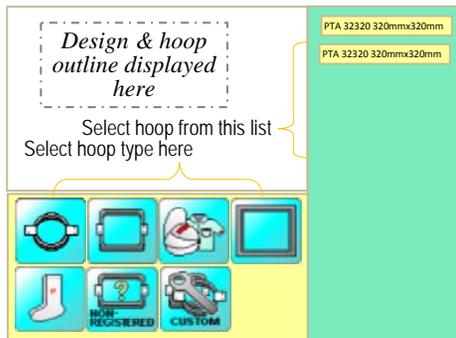
Choose needle number/ color

Assign a Stop to selected section (i.e. appliqué)

Assign a frame out to selected section

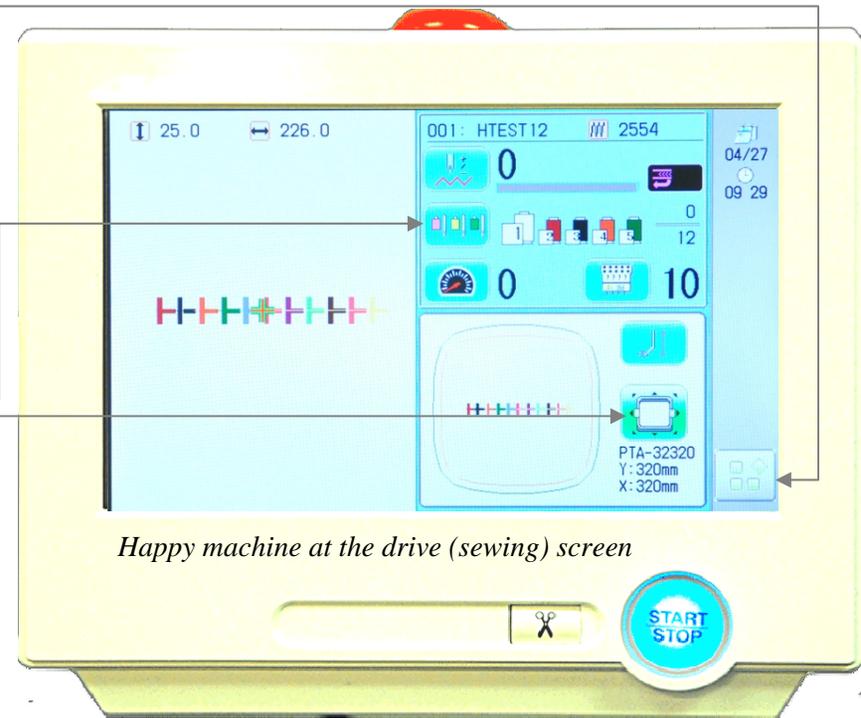
3. Choose a hoop.

Press the Frame button in the Drive screen, then , which makes the screen on the right appear. Choose a hoop then go to step 4.



Design & hoop outline displayed here

Select hoop from this list
Select hoop type here



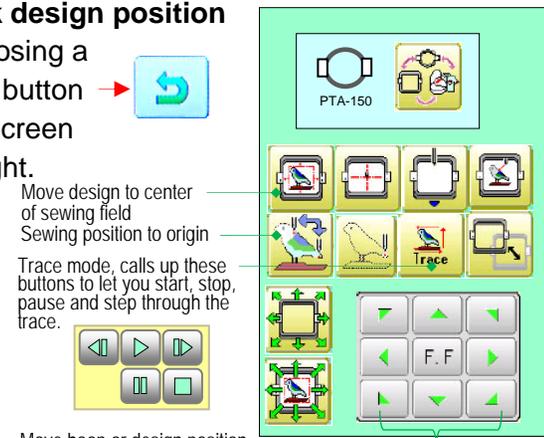
Happy machine at the drive (sewing) screen

USB flash drive port is on this side behind the control panel. ←

4. Adjust/check design position & fit.

After choosing a hoop, press this button  to return to the screen shown on the right.

The highlighted buttons perform the functions indicated.



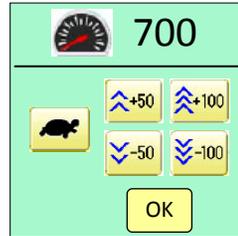
Move design to center of sewing field
Sewing position to origin
Trace mode, calls up these buttons to let you start, stop, pause and step through the trace.

Move hoop or design position.

Reference Card 2 of 2: Sewing

1. Adjust Max Speed (optional): press the **SPEED** button to call up the sub-screen shown here.

You can adjust the max allowable speed between 300 - 1000 stitches per min, up and down in steps of 50 or 100. Press the turtle button to toggle "crawl" mode (100spm) on and off. Blue is on, yellow off. Press OK to return to the drive screen. There, the actual, live speed will be shown to the right of the small speedometer.

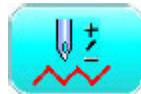


2. Oil the sewing hook just before pressing START.

Open the bobbin case door and remove the bobbin case. Apply 1-2 drops of sewing machine oil where indicated as shown on the right. Normal operation, repeat every 4 to 6 bobbin changes. For heavy, non-stop operation, increase the frequency i.e. every 2-3 bobbin changes.

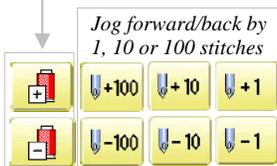


3. Thread break/stoppage recovery: the machine will stop automatically on detecting bobbin runout, thread break or other causes. If so, resolve any problems found, then press this button to adjust sewing position, for example, to move backwards a few stitches. Press any of these keys to:



set stitch position

Go to next/previous color block in design.



Jog forward/back by 1, 10 or 100 stitches

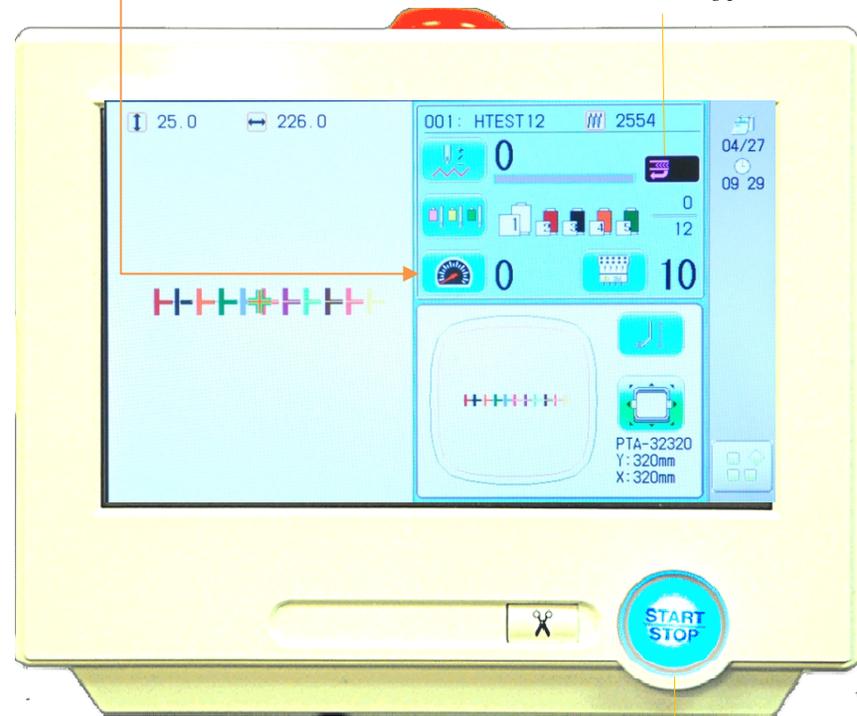
jump to a repeat#

to a color block#

jump to a stitch#

When finished, press to return to Drive mode, then START.

If showing, indicates the design is at the starting position



Press **START/STOP** to start or pause sewing.

Note about sewing speed: When starting out, set sewing speed to a safe, medium speed, then increase with your comfort level with the machine. Higher speeds while desirable for production increase peak tensions on thread, and may increase, noise levels, and frequency of thread breaks. Steadier table surface, improved knowledge of machine adjustments, can minimize these last factors.

When sewing finishes, the machine is ready for the next item, displaying the word "END". To sew another copy in the same location, simply reload the next garment and press **START/STOP**.