

TechTips

For HAPPY HCS Voyager:

Setup for Hooptech Clamp System (shown on the right)



Follow these directions to safely install the Hooptech clamp system and sew from its true center.

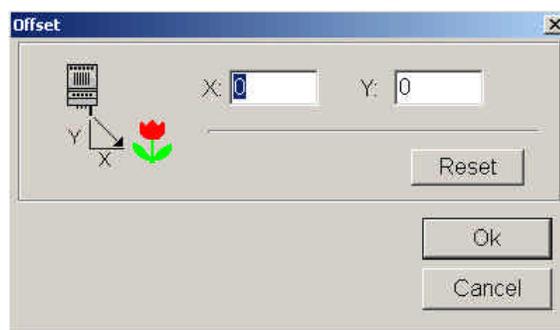
1. **Power on the machine WITHOUT the clamp** installed and allow the machine to perform its normal pantograph test (Frame Move).
2. **Make room to install the clamp.** Move pantograph backwards manually with the ENT button and the arrow keys.
3. **Install clamp system.** Make sure the locking pins of the arm snap cleanly into the holes of the clamp bracket.
4. **Move pantograph to true center.** To do so, hold the MENU button down continuously for 3 seconds until the following 4 options appear: ORG, TOP, CNT, and POS. Press the arrow button down corresponding to CNT (the bottom arrow button). **You will notice that this center is NOT the center of the clamp.**
5. **Set up your design to offset correctly for the clamp.** To do this, you can do this either manually or using HAPPYLINK to program the center, so that HAPPYLINK will always remember the offset for this clamp when you sew it. Follow one of the 2 sets of directions below – either Manual or Programming Automatically in Happylink.

MANUALLY: Follow these steps –

1. **Load the design into the machine** by compact flash card or by USB/serial cable connection.
2. **Manually move the arm by the correct amount.** Using the up-arrow key and the ENT button, move the pantograph backwards until the Y value reads -60.3 (if you have the small clamp installed) or -75.5 (if you have the larger clamp installed).
3. **Press START to test-trace** the design to double-check that you've correctly programmed the offset.

PROGRAMMING AUTOMATICALLY IN HAPPYLINK

1. Make sure you have your USB or serial cable connection correctly set up before continuing.
2. Open the design in HAPPYLINK. Find the Offset button shown here →  causing this dialog box to appear:



3. Next to the Y value, enter the following number:
?? **-60.3** if you have the smaller clamping system
?? **-75.5** if you have the larger clamping system
4. Click OK. You'll see this indicator on the left side of your HAPPYLINK program: 
5. Finish any other settings (such as needle sequence) and send your design.
6. **Press START to test-trace** and check if you've programmed the offset correctly. If not, repeat these steps and try again.