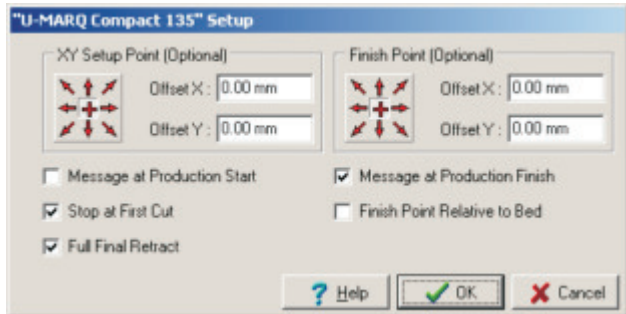


Mechanical Servicing

Aligning Vice

With the release of the Universal-300, you are now able to move the Vice System backwards and forwards. If it is necessary to re-align the Vice back to its centre position, follow the steps below.

- 1 Remove the Flat Bed Table if fitted.



- 2 Set up a very simple job on your computer as normal, using the "Centre Vice Mode". Click On "Production" then "Configuration" finally "Machine Setup". Check that the "Setup" and "Finish" Points are set to Centre / Centre, see Figure 1.
- 3 You will now have the job on the screen, located in the centre of the Machine Bed. Now we have to send the job to your Universal Engraving Machine. We will not be engraving the job just using it to centre the Vice System.
- 4 Select "Production" from the Main Menu Bar, then select "Engrave" choose the Process "Diamond Drag", Click On "OK". The job will now be sent to your Universal Engraving Machine.
- 5 Place the Standard Aluminium Jigs into the Vice, close the Vice Jaws so they are together. Then Press the "Start / Stop" Button on the Keypad, the Universal-300 will now move to its centre position, see Figure 2.

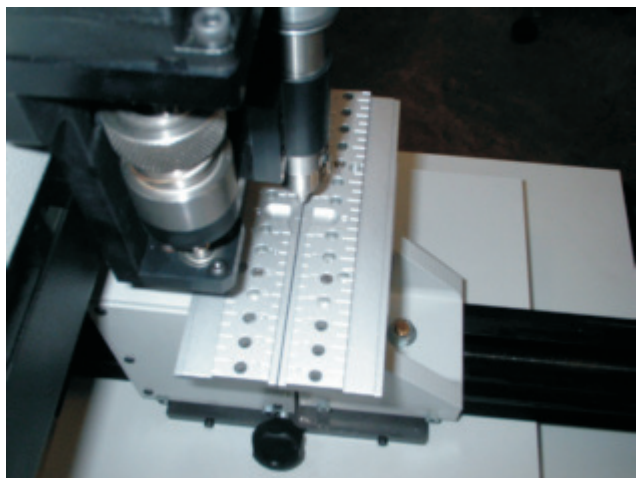


- 6 Place the Light Touch cutter knob and a Diamond Cutter in to the Spindle. Lower the Cutter using the "Z Down Key" on the Keyboard, until it is about 10mm from the top of the Jigs.
- 7 Undo the vice securing Clamp Handle, so that the Vice Beam can move freely backwards and forwards, see Figure 3.
- 8 Now move the Vice so that the centre point is directly below the tip cutter, see Figure 4. This needs to be as done accurately as possible, any error will means that the Vice will not be centred correctly. Incorrect centring of the Vice will the affect the quality of your finished product.

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- 9 Once you are happy that the Vice is central, re-tighten the Vice Clamping Handle and send the machine "Home" using the Keypad. You can now continue using your Universal Engraving Machine as normal.



Note : It is advisable to carry out this re-calibration occasionally, to check the accuracy of the centre position of the Vice.
