

Engraving a Pen

This Chapter will take you through engraving a pen.

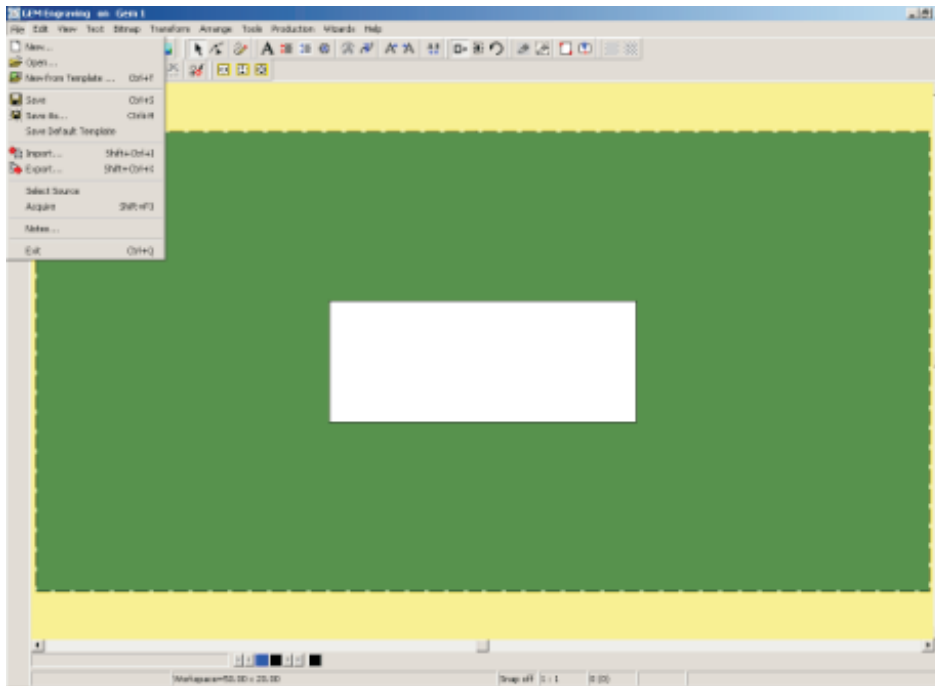


Figure 1

Left Click On "File", then Click On "New", see Figure 1.

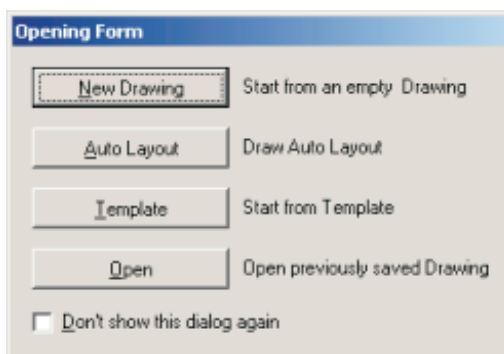
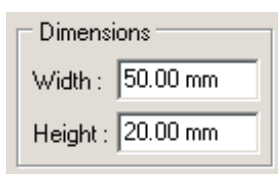


Figure 2

You will see the Opening Form Dialogue Box, Left Click On "Auto Layout", see Figure 2.

The Auto Layout Dialogue Box will be shown, as we are engraving a pen select Cylindrical by Clicking On the Cylindrical Icon using the Left Mouse Button. You now need to enter the Diameter of the pen, also enter the dimensions of the area you wish to engrave. Not the dimensions of the whole item, see Figure 3.



Cylindrical Icon

Figure 3

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Select the Font you wish to use, by Left Clicking On the arrow on the Fonts Box, see Figure 4 and scroll through the list until you find the Font you wish to use then Left click on its name.

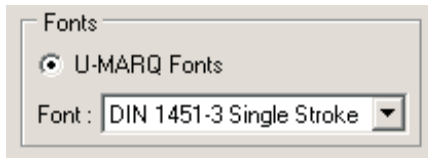


Figure 4

Now Left Click in the Enter your Text here Box and type in your text. Pressing "Enter" at the end of each line, see Figure 5. When you are finished Left Click On "OK".

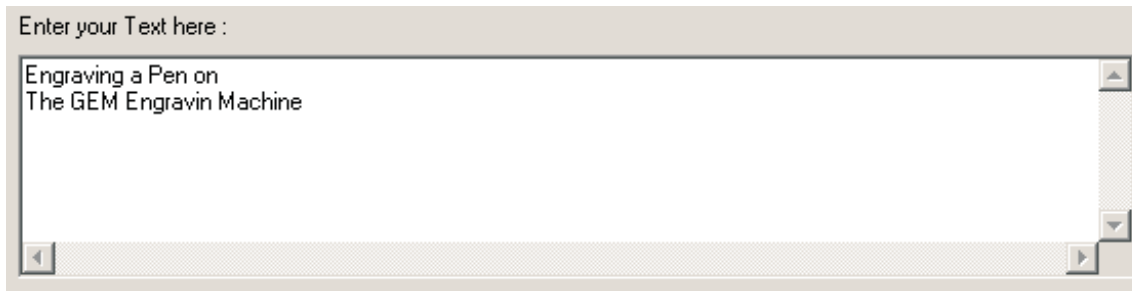


Figure 5

You will see the Text is now on screen and is ready to engrave. The white area represents the limits of your engraving area, see Figure 6. You can adjust your Text to suit the engraving area if you wish, see Page 79.

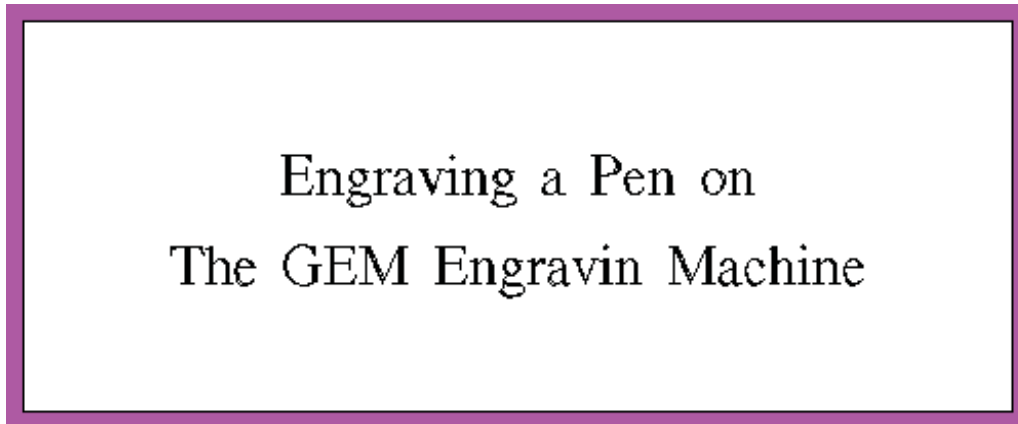


Figure 6

Left Click On "Production" on the Main Menu Bar then Click On "Quick Production", see Figure 7.

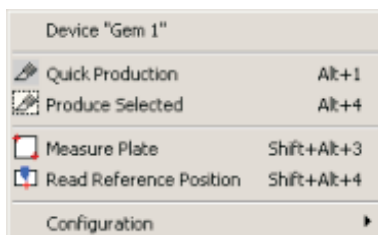


Figure 7

You will now see the Processes Dialogue Box, change your process by clicking on the arrow and selecting "Diamond Drag" by Left Clicking, see Figure 8.

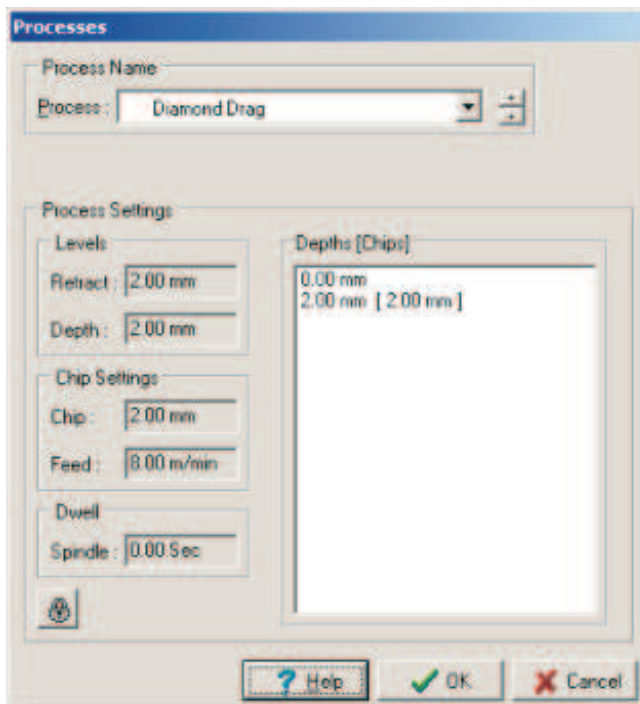


Figure 8

Note : You may find it necessary with some pens to engrave then with the spindle running. If so select "Diamond Drag Rotated". If in doubt contact the supplier of the pen.

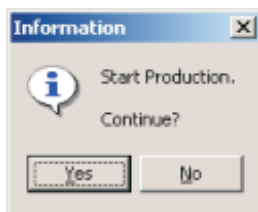


Figure 9

You will now be given an opportunity, to Cancel sending the job to your GEM-RX Engraving Machine. You do not wish to do this, so Left Click On "Yes" to continue, see Figure 9.

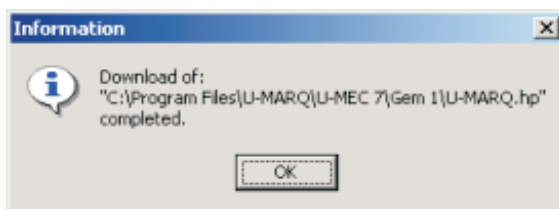


Figure 10

You will now see a Dialogue Box, informing you that the job has been sent to your GEM-RX Engraving Machine and has been processed, see Figure 10.

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On your GEM-RX Engraving Machine Keypad, you will notice that the "Start / Stop" Button is lit. This indicates that the job has been downloaded and is ready to engrave, see Figure 11.

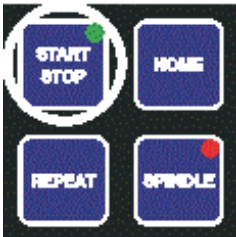


Figure 11

Put your pen to be engraved into your GEM-RX Engraving Machine as shown, see Figure 12.

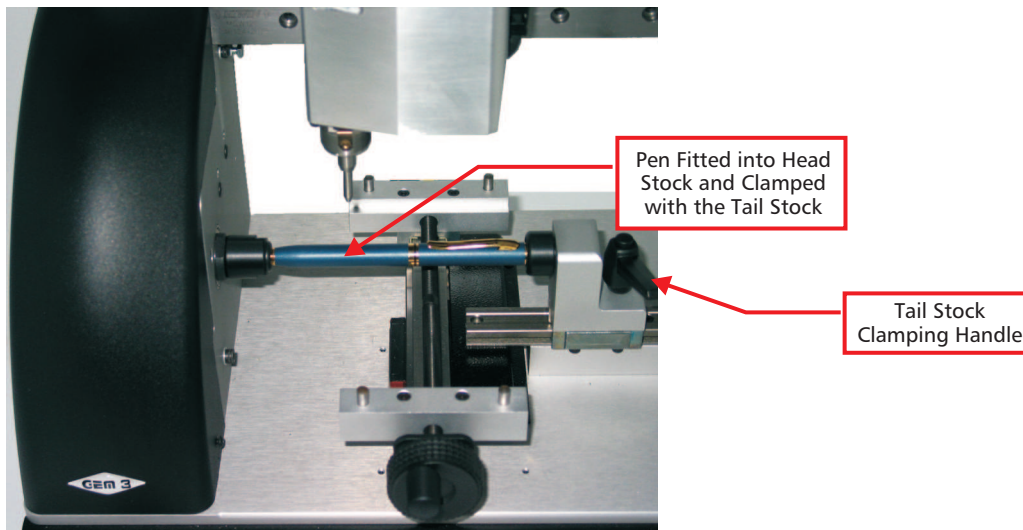


Figure 12

Screw the Light-touch anti-clockwise, into the top of the spindle shaft. **DO NOT OVER-TIGHTEN - hand tight only**, see Figure 13.



Figure 13

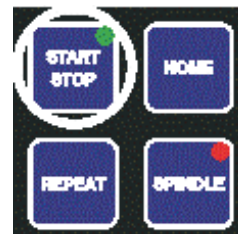


Figure 14

Press Start / Stop on the Keypad (see Figure 14). The machine will move to the middle of the pen, see Figure 12.

It may now be necessary to move the head of the GEM-RX Engraving Machine, to the Centre of the actual engraving area. This is done using the direction keys on the Keypad, see Figure 16.



Figure 16

After you have moved (jogged) the head of the GEM-RX Engraving Machine, it will probably be at the position as shown in, Figure 17, as this is in. centre of the actual engraving area.

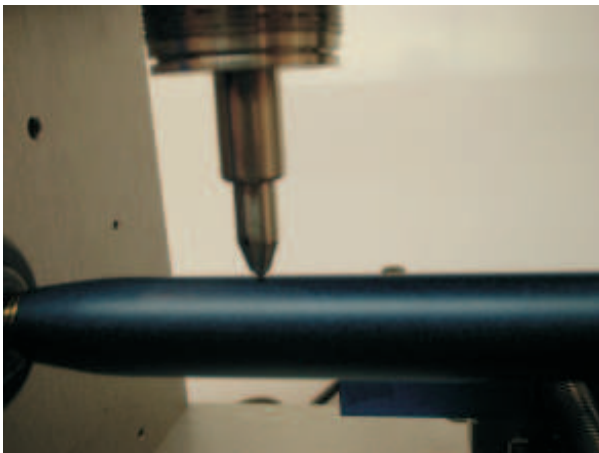


Figure 17

When you are satisfied that the engraving head is in the centre of the engraving area, press "Start / Stop", see Figure 18.

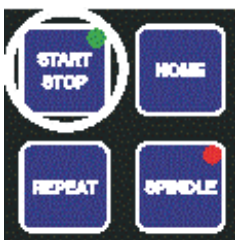


Figure 18

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The GEM-RX Engraving Machine, will now moves to the first cut of the engraving. Using the "Z Down" Key on the Keypad, Lower the head of cutter until it just touches the surface of the pen, see Figure 19.

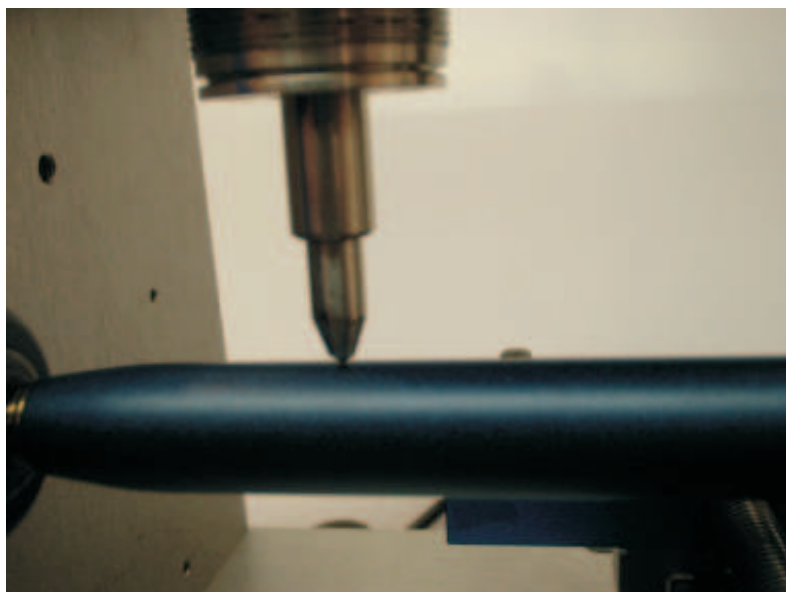


Figure 19

Now Press the "Start / Stop" Button on the Keypad. The GEM-RX Engraving Machine will now start engraving the pen, see Figure 20.

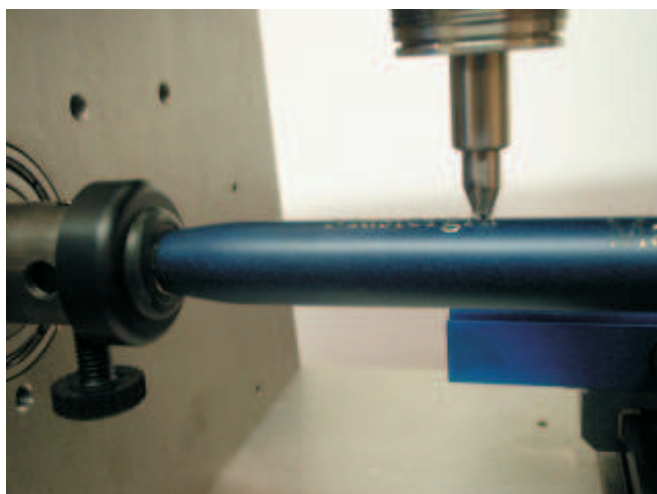


Figure 20

When the engraving has finished Press "Home" on the Keypad, see Figure 21.



Figure 21

Congratulations you have just completed Engraving a Pen.



A Selection of Pens You can Engrave on your new GEM-RX Engraving Machine

Repeating the Job

To repeat a job on your GEM-RX Engraving Machine, is a simple process. Remove your already engraved item and replace with a new one. Press the "Start / Stop Button", then Press the "Repeat" Button so that the ""Start / Stop" is lit by a green light. Press the "Start / Stop" Button, the machine will start to engrave. All parameters will remain exactly the same, as the original job that was sent down.

A useful point to note, is that you can re-engage over the same item using this function, if doing so do not remove the object from the vice. It is possible for you to Repeat the Job after pressing "Home", however you will need to reset the surface. This is done in exactly the same way as before using the "Z" Down Key on the Keyboard.

Producing Only Selected Item

It is possible to produce only a portions of an engraving, this is accomplished by Select the parts by Left Clicking On I., Then Left Clicking On "Production" on the Main Menu Bar, then Selecting "Produce Selected". Choose your processes as normal and send to the GEM-RX Engraving Machine, as if you where engraving the whole job

Note : If you turn an object blue by, selecting then Left Clicking On the blue square bottom of your screen, it becomes a design object and is not engraved.
