

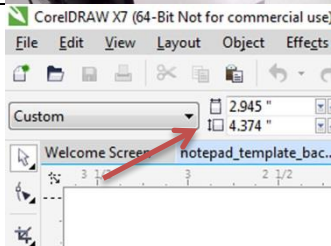
HOW TO USE THE LASER ENGRAVER

Getting ready...

1. Design/load your artwork in Corel DRAW using computers nearest engraver.



2. Write-down the document's overall dimensions (in inches).



3. Turn on laser engraver. If no power cord is connected, please ask lab staff for help.



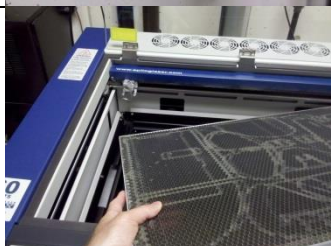
4. Turn on exhaust fan.



5. Turn on air compressor feed (red lever). Ensure pressure is 30psi (black knob).



6. If cutting, place vector grid inside laser engraver. This prevents damage to the engraver.

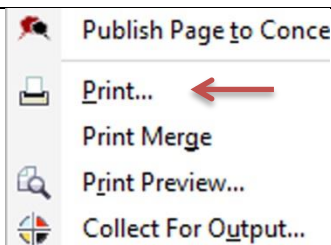


7. Close glass lid.

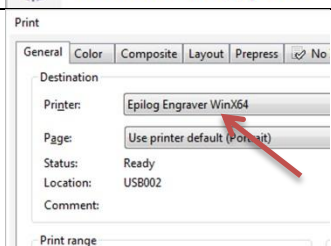


Adjust engraver settings...

1. In Corel, click File > Print.



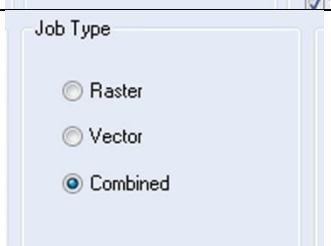
2. Choose "Epilog Engraver WinX64" as the printer, then click [Properties].



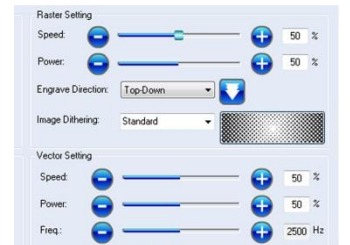
3. Set the "Piece size" dimensions the same as the document's dimensions from above.



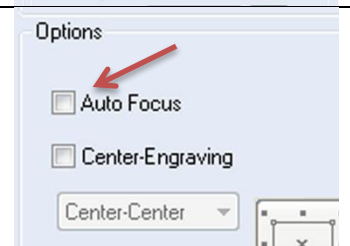
4. Set the whether you want to engrave (raster), cut (vector), or both (combined).



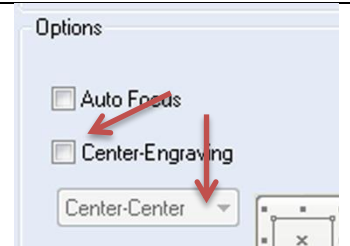
5. Set the power, speed, and frequency settings for your material (look at sign on black box).



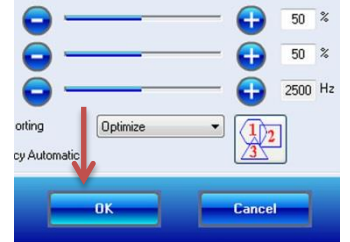
6. Place checkmark in "Auto Focus". **Do not use Auto Focus for irregularly shaped pieces** or pieces of differing heights (like mountains). To manually focus instead, ask lab staff for help.



7. **Optional:** To engrave in the middle of a piece, place checkmark in "Center-Engraving", then choose "Center-Center" from drop-down menu. On engraver, press [Pointer], [X/Y off], then [Go]. Move laser head "red dot" to center of piece. Press [Set Home], then [Reset].

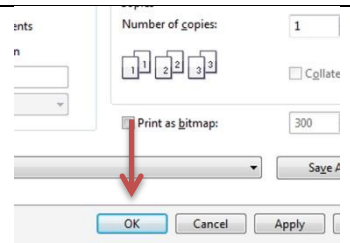


1. Click [OK] to close engraver settings.



Ready to engrave...

1. Click [OK] to send your design to the engraver.



2. The Data light on the engraver flashes while receiving data from the computer.



3. When the Data light goes out, press [Go] to engrave your piece.



You must be in the room during the entire engraving/cutting process (for safety reasons). If you cannot, stop the job.