

# HOW TO ENGRAVE BOTTLES, DRINKING GLASSES, ETC.

## Prepare laser engraver...

1. **IMPORTANT:** Turn off the engraver first!
2. Remove crumb tray (open front door, flip two latches on tray front, pull tray out, then close door).
3. Open top glass cover.
4. Flip-up the left, top, and right metal ruler guides.
5. Carefully grip either side of the engraving platform, then lift up and out. **Be careful not to bump the laser head while removing platform!**



## Install rotator...

1. Remove rotator from bottom shelf of engraver stand.
2. Place rotator into engraver (wheels side on the left and "stick" side on the right). The bottom pegs on rotator should match holes in the engraver's floor.
3. Plug rotator data cable into engraver's socket.
4. Turn on engraver (note: when you are finished, turn off engraver before removing rotator).



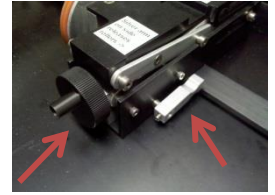
## Place bottle or glass into engraver...

1. Place bottle onto rotator with base of bottle facing left.
2. If the laser head is too low and touches the bottle:
  - a. Press [X/Y Off] on the engraver's control panel.
  - b. Press [Go] on the control panel.
  - c. Hold-down the [Down arrow] button on the control panel until the laser head fully clears the bottle.
  - d. Press [Reset] on the control panel.



## Adjust rotator for bottle size...

1. Both wheels on the left and right side of the rotator should be near the left/right edges of the bottle. To adjust the right wheel:
  - a. Release the wheel brake by flipping the metal arm toward you.
  - b. Slide the right wheel to the right edge of the bottle.
  - c. Lock the wheel brake by flipping the arm away from you.
2. The top of the bottle should be flat. If you need to raise or lower the bottle to straighten it, rotate the handle on the right side of the rotator.



## Create your design...

1. In Corel DRAW, create a new document with the "width" as the tallness of your bottle and the "height" as the diameter of the bottle times Pi (Diameter \* 3.14159).
2. Create your design, rotating the text and graphics sideways (the left side of the document indicates the bottom of the bottle).
3. In Corel, click File > Print.
4. Choose "Epilog Engraver WinX64" as the printer, then click [Properties].
5. Set the "Piece size" dimensions the same as the document's dimensions from above.
6. Set the power, speed, and frequency settings for your material (look at sign on black box).
7. Click [OK] to send your design to the engraver.
8. The Data light on the control panel flashes while receiving data from the computer. When the light goes out, press [Go].

