



Wainlux R1 Rotary Roller EZ Setup and Usage Guide

Step 1: Unboxing

Check the contents of your package to ensure that you received the following items:

- Wainlux Roller
- USB cord
- USB/molex connector cord



Step 2: Power On

Turn on your Wainlux JL3 or Wainlux JL4 laser engraver.

Step 3: Homing Sequence

Wait for the homing sequence to complete. The engraver will automatically calibrate itself.

Step 4: Connect to PC

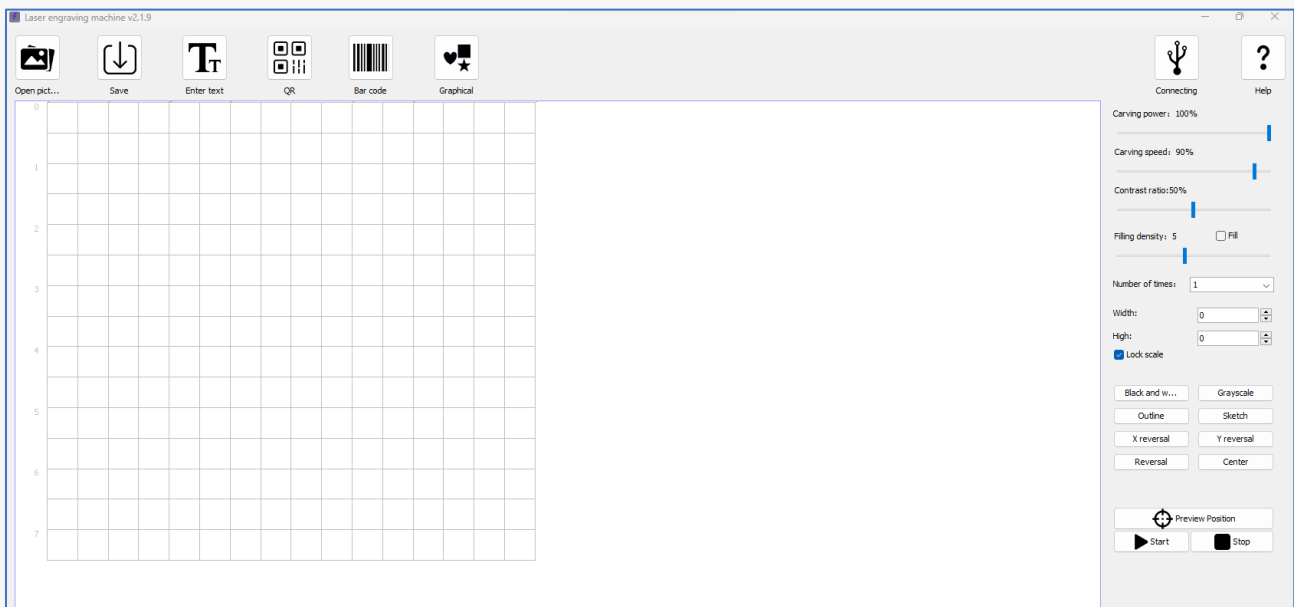
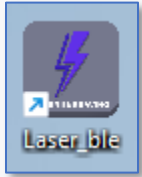
Connect your roller to the laser using the provided USB/molex wire.



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Step 5: Launch Software

- Open the "Laser BLE" application on your PC.



Step 6: Connect to Engraver

- Select the "connecting" icon located at the top right corner of the screen.





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- The "connecting" icon should turn blue, and the grid on the screen should match the engraving area of your laser.

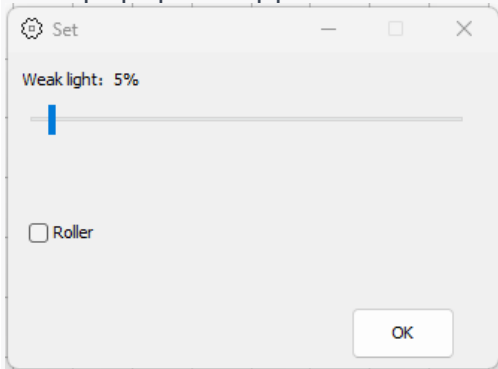


Step 7: Configure Roller

- Select the "Set" icon at the top of the screen.



- A popup will appear.



- Check the "roller" box.
- The machine will now move to its home roller position.
- Select "OK" to close the popup.
- Your roller is now connected.

Step 8: Prepare Design

- You can now add text on the screen by selecting the "Enter Text" icon.



Enter text

- Alternatively, use the "Open Picture" icon to add a file from your PC.



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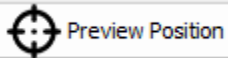


Open pict...

- Size your text or image on the grid to fit your project.

Step 9: Preview Position

- Select the "Preview Position" icon.



- The head of the roller and the laser should start to move.

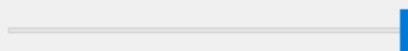
Step 10: Prepare Workpiece

- Place your workpiece in position, ensuring that the laser is 5mm above the highest point of your workpiece and is centered.

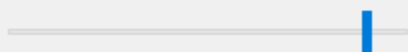
Step 11: Configure Settings

- Set the power and speed to your desired settings.

Carving power: 100%



Carving speed: 90%



Step 12: Start Engraving

- Select the "start" icon located on the right of the screen.



- Your engraver is now engraving cylindrical objects.



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Please ensure you follow safety guidelines, and always supervise the engraving process to prevent accidents.