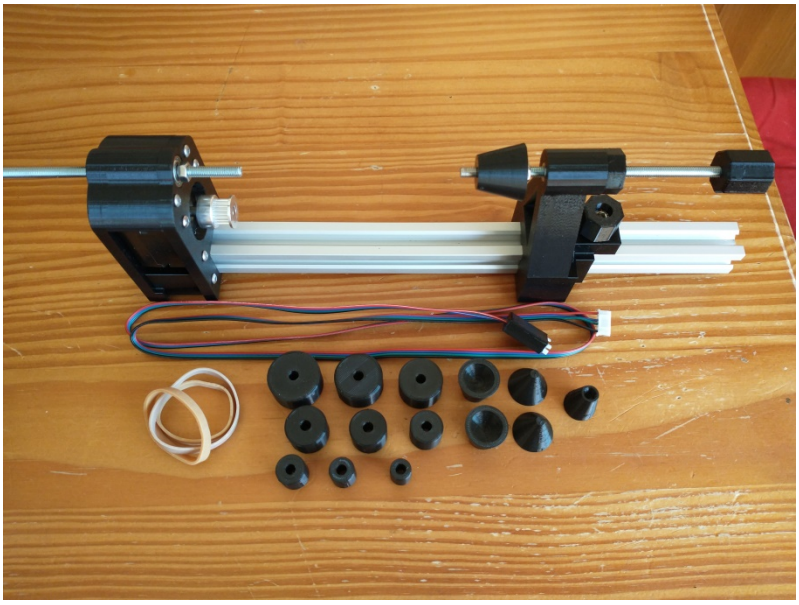
Endy 150 Quick Start



Kit contents

1 x Endy150 Assembled Rotary Jig

1 x 1 Metre Stepper Motor Extension Cable

9 x Pulleys – 10, 12, 14, 16, 18, 20, 22, 24 and 26mm

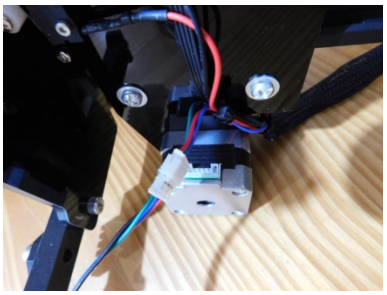
2 x Cup Ends, 2 Cone Ends and a Nib End

Drive Bands

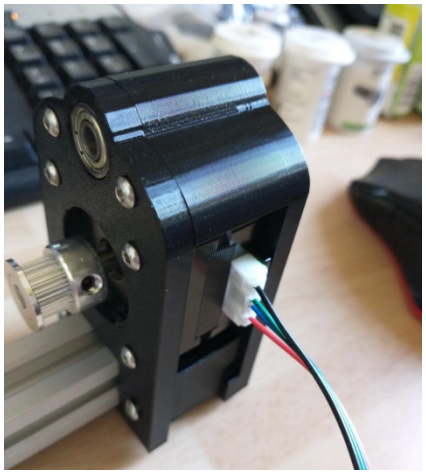
Connection and powering up

Applies to the Neje and the Ortur.

- Ensure the engraver is powered off and remove the plug from the ‘Y’ axis (lower) stepper motor.
- Insert the removed plug into the female end of the supplied extension cable.



- Plug the male end of the supplied cable into the stepper motor on the jig.



Powering up the engraver

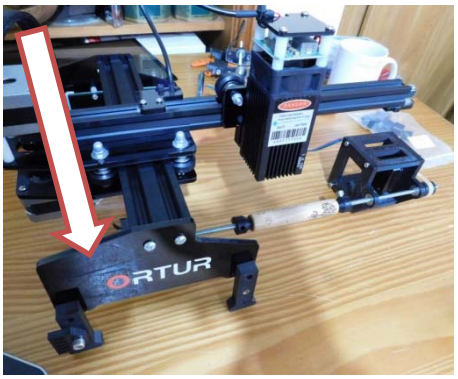
This process differs slightly for the Ortur and the Neje as the 'Home' positions are different.

Neje

- Power up the engraver (don't start the Neje software)
- Now is a good time to align and focus the laser with the centre of your workpiece as the laser will be powered up with low power.
- Start the Neje software and allow it to connect. When the laser starts its homing process you will need to gently **push** the carriage away from you to trip the homing switch (direction indicated by the arrow in the picture). Alternatively press the switch with a finger.
- You can then move the laser back down so it's aligned with your workpiece.

Ortur

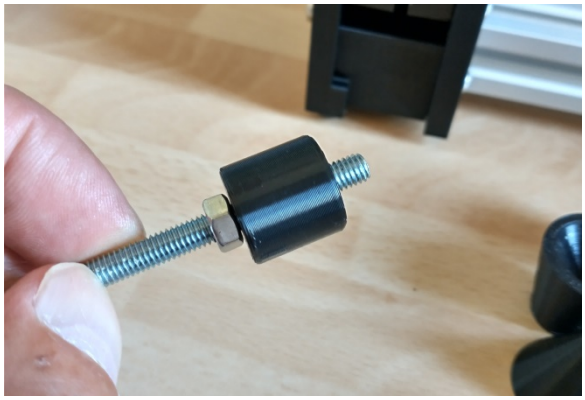
- Power up the engraver
- Start LaserGRBL and click 'Connect'
- When the laser starts its homing process you will need to gently **pull** the carriage towards you to trip the homing switch (indicated by the arrow in the picture). Alternatively press the switch with a finger.
- Use the 'Boundary' feature of LaserGRBL to indicate your engraving area and align the jig to the laser.



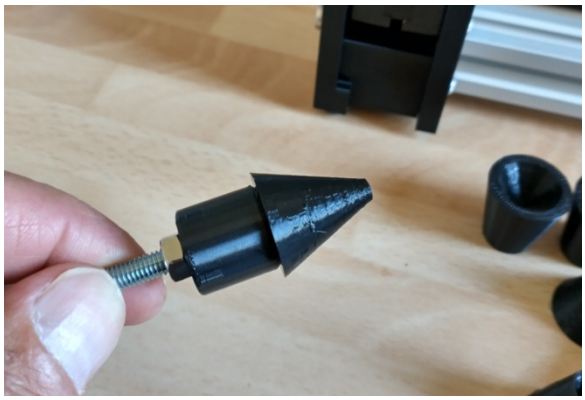
Mounting your work

Remove the head stock axle and slide the pulley closest to the diameter of your work piece on.

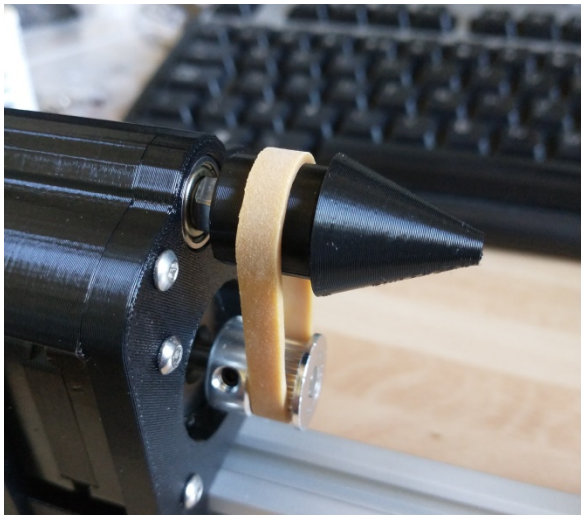
Leave around 5-6mm of the axle exposed.



Screw on the end of your choice and secure.

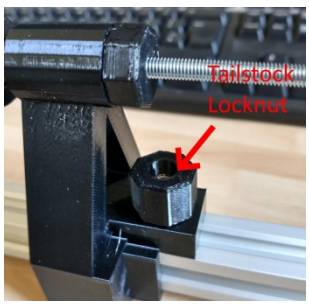


Slide the axle back into the head stock and fit the band between the motor and the pulley.



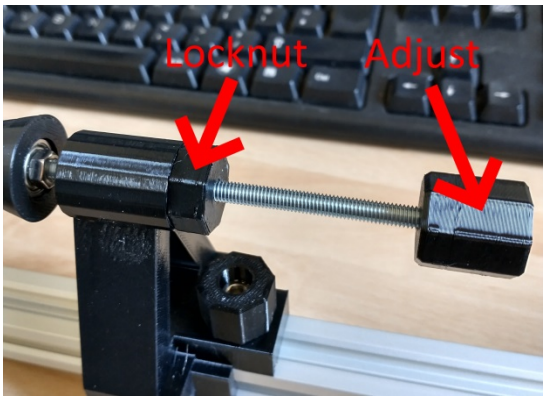
Screw the required end onto the tailstock, loosen the locknut and slide the tailstock up to secure your work.

Lock the tailstock in position with the Tailstock Locknut.



You can fine adjust the tailstock using the quill and locknut.

Loosen the locknut, adjust using the quill knob and the lock with the locknut.



And finally…

I sincerely hope you have as much fun using this jig as I've had designing and making it.

Any issues, suggestions or problems please do get in touch: james@jafweb.co.uk or take a look at the facebook group. https://www.facebook.com/groups/2150167618622948/

Available Here: https://www.jafweb.co.uk/index.php/product/endy150/