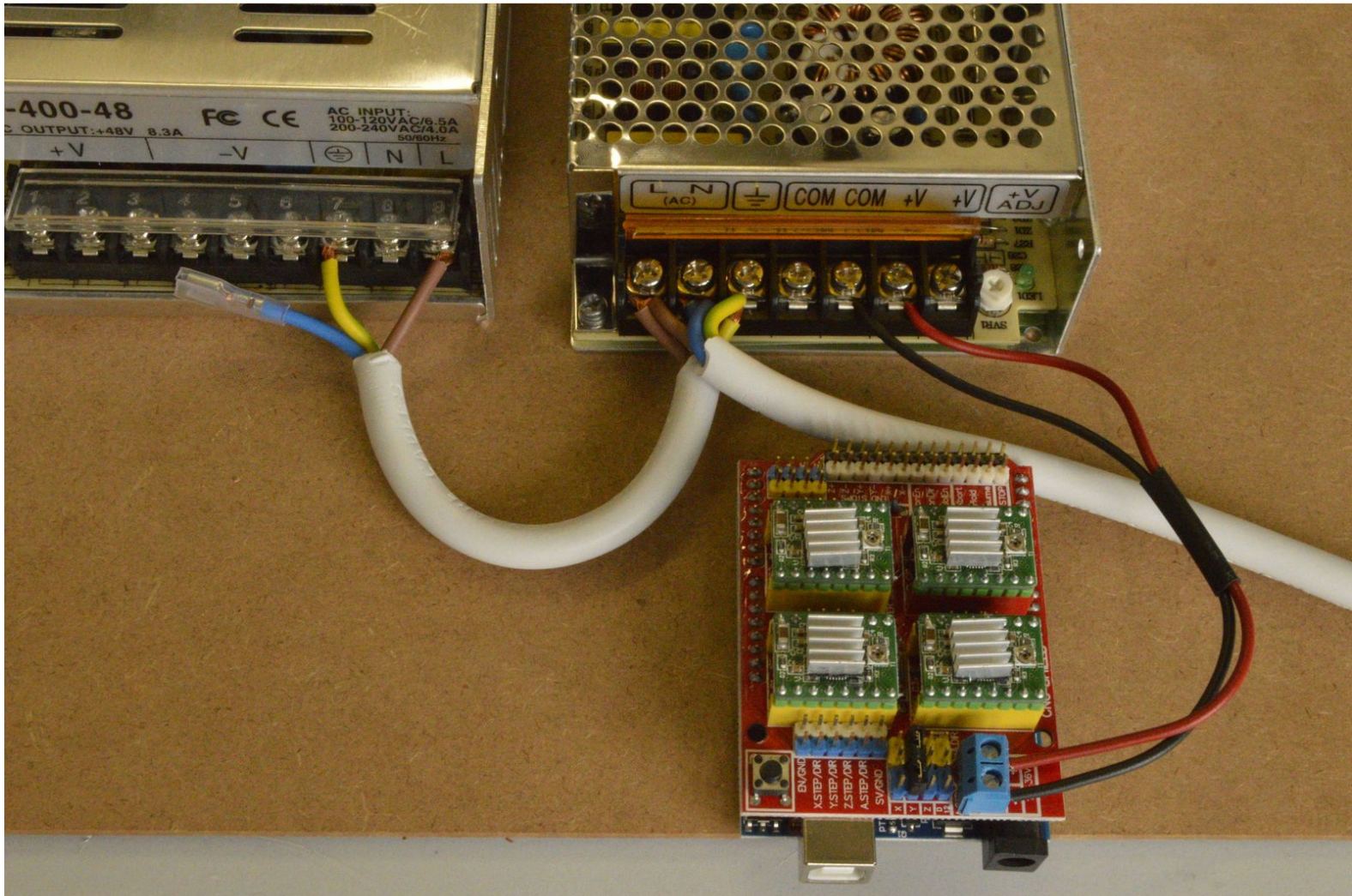


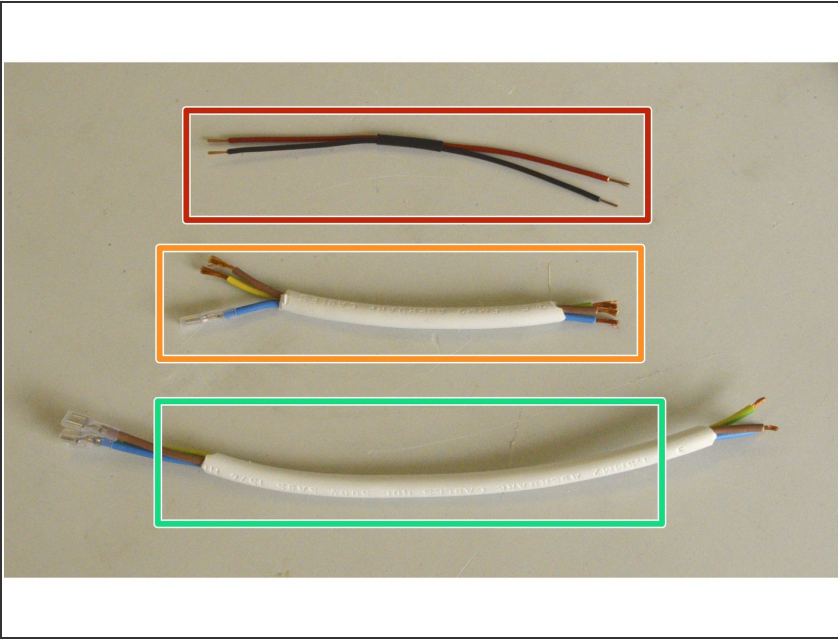
cron

18. Route Power Cables

Written By: Paul Cronje



Step 1 — Parts Required



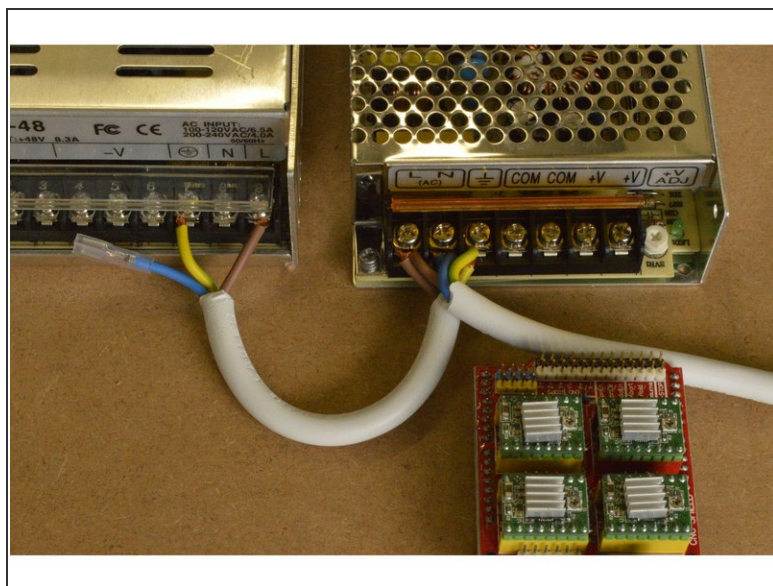
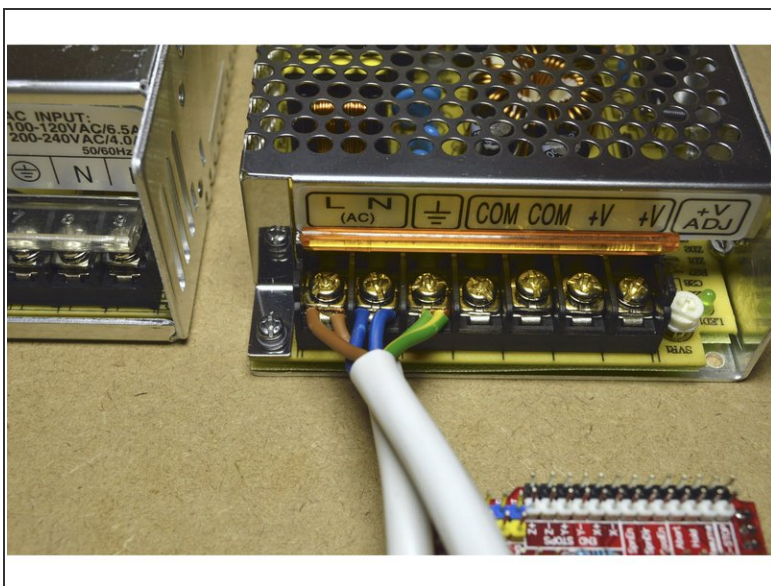
- Arduino Power Cable
- 220V Bridge Cable
- 220V Power Cable

Step 2 — Tools Required



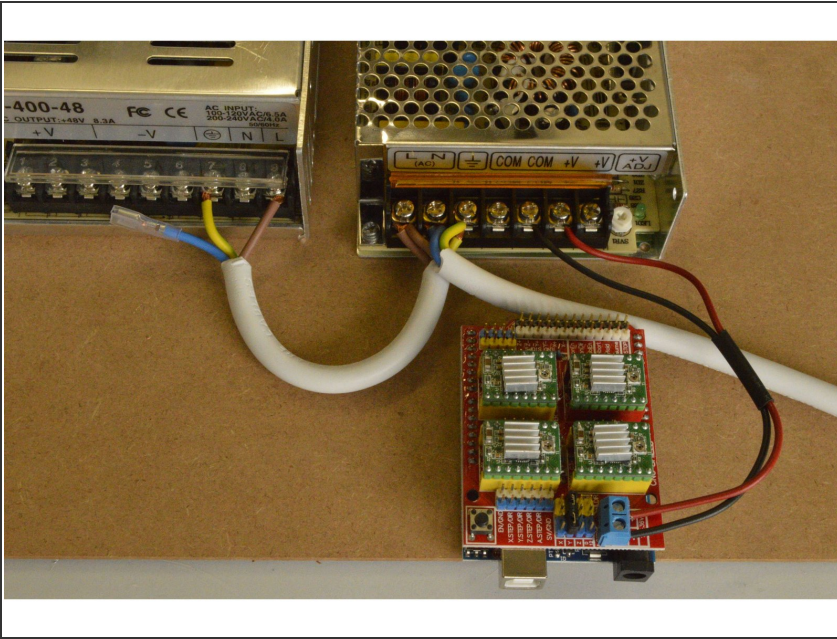
- Phillips Screw Driver

Step 3 — Connect 220V Cables



- Connect the 220V Power Cable and the 220V Bridge Cable to the 100W Power Supply as shown in the picture
- The Brown cable goes to L, the Blue cable goes to N and the Yellow and Green cable goes to Ground.
- Connect the other end of the 220V Bridge Cable to the L and Ground ports of the 400W Power Supply as shown. The blue cable with the crimp terminal is not connected at this stage.
- Make sure all the screws holding the cables are tightened with the phillips screw driver

Step 4 — Connect the Arduino Power Cable



- Connect the Arduino Power Cable to the 100W Power Supply
- The red cable connects to V+ and the Black cable connects to COM
- Connect the other end to the power connector on the CNC shield. The Red Cable is + and the Black Cable is -.