

Gantry Operation Instructions

1. Login to the computer using the username: mechguest01 and the password: machine23*
2. Flip the switches on the spindle control box, two LED's will turn on.
* In case of an emergency use the large red emergency stop button.
3. Start the program "Techno CNC Interface.exe"
* You will hear the relays in the gantry click on
4. Click on the "Home" button and select "ALL"
5. "Jog" to the (X,Y,Z) coordinates (0, 0, 0) on the block
* Use the step down button to lower the spindle more accurately to the top of the wood block
* Click on the "ZERO" button and select "ALL", this will reset your coordinates to (0, 0, 0) again
6. Click the "File Type" button and select "benchman.NC"
7. To make sure that your file is in the default file folder, move the file from where it is stored on the T drive
and drop it into the "mech guests" folder within the "my docs" folder on the computer running the gantry
(C drive > my docs > mech guests > *file name.NC*)
8. Go back into the Techno CNC program
* Select the file button and choose your file (*file name.NC*)
* Click the "Preprocess" button
* Then click on the preview button and check the side view, make sure that the cuts do not go below 0.05 inches into the block
9. Turn the spindle on in the Techno CNC program
10. Click Start, the gantry will now begin to cut your wood block