

# Photographic Diary

Photographic evidence of construction



This photo shows what the unit looked like when it was ready to be painted. The first thing that need to happen before this was to get the back connect (glued and screwed) By being proactive I had brought the back home already to work out where the holes would go so that it would be strong against the wall.



This is how the back was connected. It was screwed in place ever 100mm. The places where the screws would be screwed in place were first pilot holed and the counter sunk to make sure that when it was connected to the wall it would sit flush against it. It would also have no sharp edges when it is being carried around etc. Once the glue had dried the edge was sanded flat and all of the sharp edges were removed



While I waited for the unit to be painted I got the wood that I would be using for the drawer fronts door and shelf ready. The first thing that I needed to do was get them all down to the right thickness using the thicknesser. When I was using this machine I made sure I had covered shoes and ear muffs to protect my feet and ears.



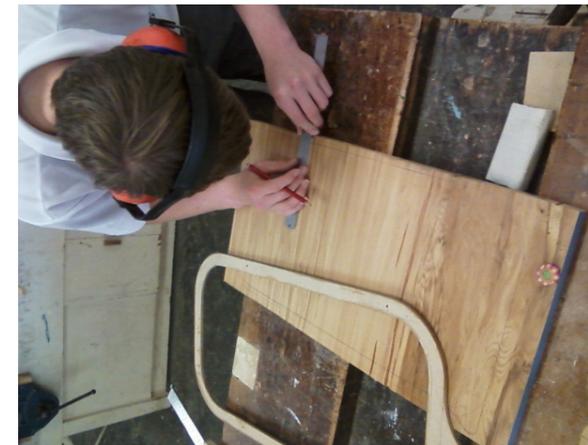
Next the edges needed to be surfaced so that the different pieces could be glued together with no gaps. This was done to all the different pieces. Then the wood for the shelf door and drawer front were glued together and left the dry in a in the clamps.



Before the unit was given to Gary to paint a few little jobs were completed so that when it was getting painted I was just sanding, varnishing and waxing.



Here you can see that I have fitted the old drawers using the big belt sander so that once I have the unit back from being painted all that I will need to do is fit the drawer runners



Again here I am trying to be proactive so that the project will be finished before term 4. I am marking out the size of the doors so that they have a 5mm overhang. To do this I used I same jig that I used to router each gasket.



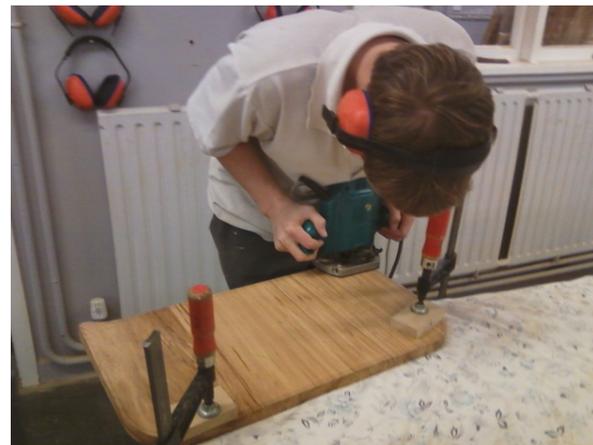
The 2 lines that to see are the outside of the drawer front and the inside line of the unit. It is now ready to be cut out and sanded.

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Here you can see how the door will sit on the unit. The top door has already been cut out which is what the bottom drawers will look like once they have been cut out as well.



Now that the door and drawer fronts are the right shape I am routing the edges so that they are nicely rounded off. When I was using the router I was wearing safety glasses and earmuffs to protect my feet eyes and ears.



Now I am cutting the drawer fronts into the 2 separate drawer fronts using the table saw. When I was using the table saw I made sure that my hands were away from the blade and I held the piece that I was cutting securely. I also was wearing covered shoes glasses and earmuffs to protect my feet eyes and ears.



Here I am varnishing the door, drawers, drawer fronts and shelf. This will make them moisture and heat resistant while also being hardwearing. 3 coats were applied with a quick sand with white sand paper in between each coat.



In this picture I am waxing the door, drawers, drawer fronts and shelf. The bees wax will make the components feel smooth and look shiny.



Here you can see that I am adding some of the finishing touches to the doors and drawer fronts by putting on the handles. This is another thing that I did to save time as now once the drawers have been fitted I just need to screw the fronts in place.

Now that the storage unit has been painted I am putting the door on, to do this I needed drill a 35mm hole for the hinge to sit in. this was carefully marked out drilled and then screwed in place. (When I did this I wore ear muffs, covered shoes and safety glasses to protect my ears, feet and eyes) The other part to the hinge was marked out on the storage unit so that it lined up. This means that the top half of the storage unit is now complete.

The next was job very fiddly as I needed to fit a rail that would sit between the drawer runner and drawer. This was cut out using the table saw where I was wearing the correct safety equipment. (Covered shoes, ear muffs and safety glasses) then it was just a matter of screwing all of the pieces in place.



The final job that needed to be done was to screw in the unit to the wall. This job required 3 people, 2 to hold it in place and another to screw the coach bolts into the wall. Now the storage unit is ready to be used by my client.