

4mm Large Maintenance Stand

Construction Instructions

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Please note that this is a temporary set of instructions and will be replaced very shortly. If, in the meantime, you have any issues or difficulties with the assembly of this stand please email us at info@ebmahobby.co.uk

Introduction

The Maintenance Stand is constructed from 3mm and 6mm MDF. As such normal DIY woodwork procedures can be applied to them. The parts are cut by a laser cutter which results in smoke marks on the surface of the wood. One side of the wood will have slight marks and the other will be more pronounced. Some parts are symmetrical and you are therefore able to choose the visual effect you wish. For asymmetrical parts if you wish to remove the smoke marks then fine sandpaper may be used (use a sanding block, not just the paper on its own).

Where glue is required during assembly a good quality wood glue (PVA) should be used. When wiping the excess away wherever possible wipe it towards the burnt edge as this marks less.

Dry fitting components prior to gluing is highly recommended, i.e. compulsory! You should also use an engineers' square during construction to ensure that everything goes together absolutely square.

Construction

1. Fix the thinner strips of neoprene to the two verticals. Once fixed use a sharp knife to trim the neoprene to size.

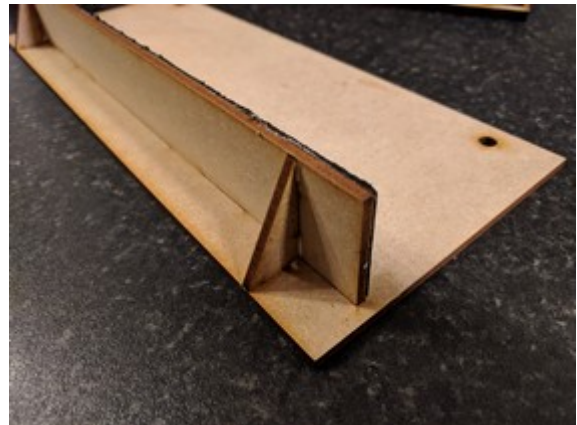


The non-moving vertical is identified by square ends as seen here
On this piece the neoprene needs to be clear of the tabs so that they may slot into the base.
On the moving vertical the neoprene may go to the bottom of the tabs.

2. Glue the two small gussetts onto the non-moving vertical.



3. Glue the non-moving vertical to the 3mm base piece (with the two round bolt holes).



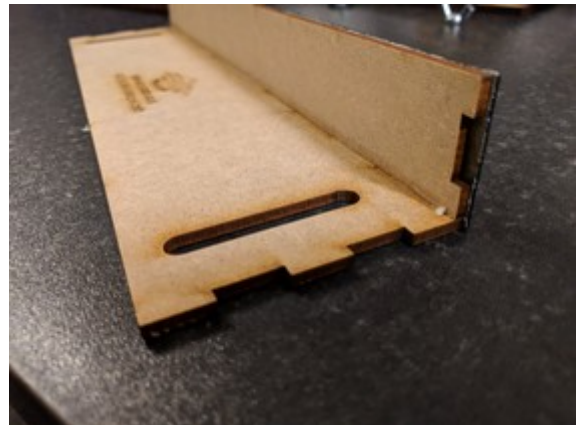
4. Fix the larger neoprene piece to the 3mm base. Place it hard up against the vertical.
Use the edges of the base to trim the neoprene to size with a sharp knife.
Create two bolt holes with the sharp knife.



5. Place the two bolts into the hexagonal holes in the 6mm base. Using the bolts to locate the 3mm base glue it to the 6mm base.



6. Glue the moving vertical to the base piece with the elongated holes. This piece may be used with the logo either face up or down depending on personal preference.



7. Glue the two larger gussetts to the moving piece.



8. Once the two pieces have dried they may be bolted together. Be careful not to overtighten the nuts. It is not necessary to get them really tight and it will result in the wood being deformed.