

Project Paint Stand

Construction Instructions

www.ebmahobby.co.uk



Introduction

The EBMA tools are produced in a combination of 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.

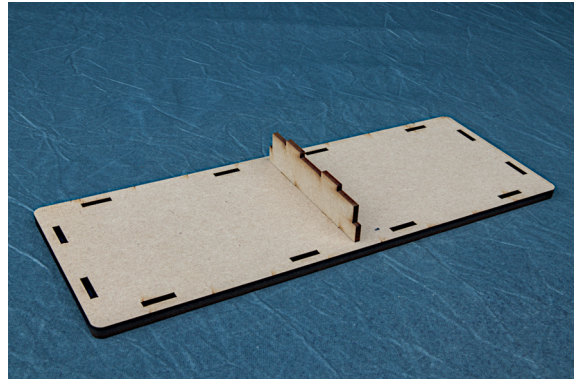
Dry fitting components prior to gluing is highly recommended, i.e. compulsory! You should also use an engineers' square during construction to ensure that everything goes together absolutely square.

Construction

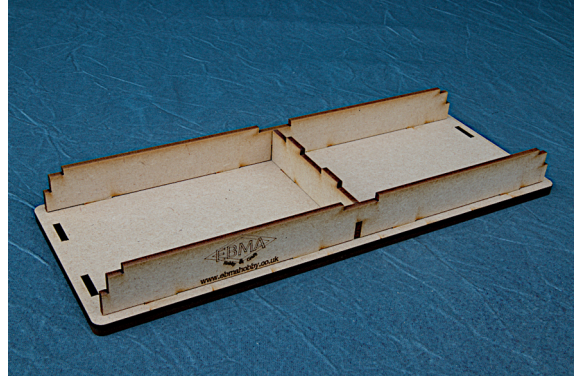
Magnets are used to hold the top plates to the base unit. It is important that the polarity of the magnets is consistent throughout the build, though it does not matter which way the polarity goes. You may wish to lay out all of the pieces to have magnets and insert the magnets in one go. Place the pieces with the burnt side upwards. Now put a little PVA glue into each hole. Take the stick of magnets and without turning it around insert a magnet into each hole. Use something like a key to push the magnets fully home.

Whilst the magnets are a force fit into the holes they can work loose over time if the tops are taken on and off, hence the glue to help hold them in place.

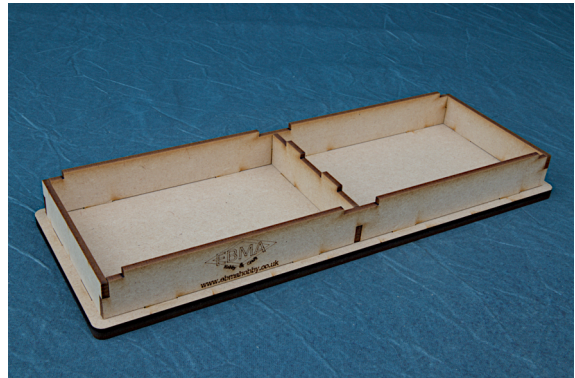
1. Drop the centre upright to the base.
NB. This is only applicable to the double version.



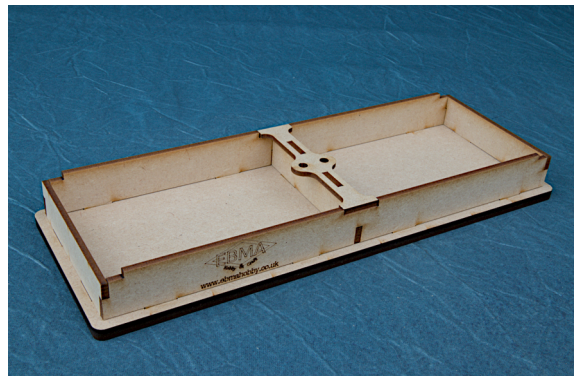
2. Insert the front and rear pieces into the base.



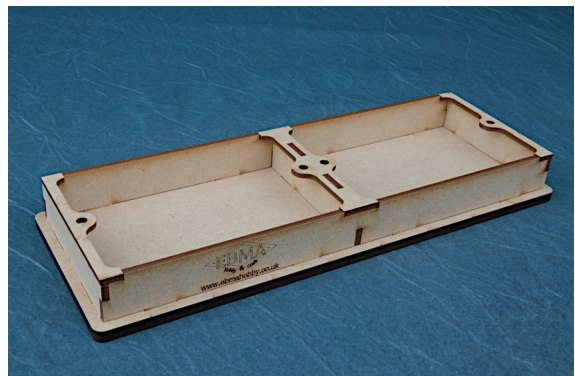
3. Glue the two side pieces. Ensure that they are glued to the front and rear pieces as well as the base.



4. Insert the magnets into the centre bar and then glue it to the middle.
NB. This is only applicable to the double version.



5. Insert the magnets into the side bars and glue them to the ends.



6. Insert the magnets into the top pieces.
Once all the glue has dried place the top pieces onto the base unit.

