

215mm Sheet Storage Unit

Construction Instructions

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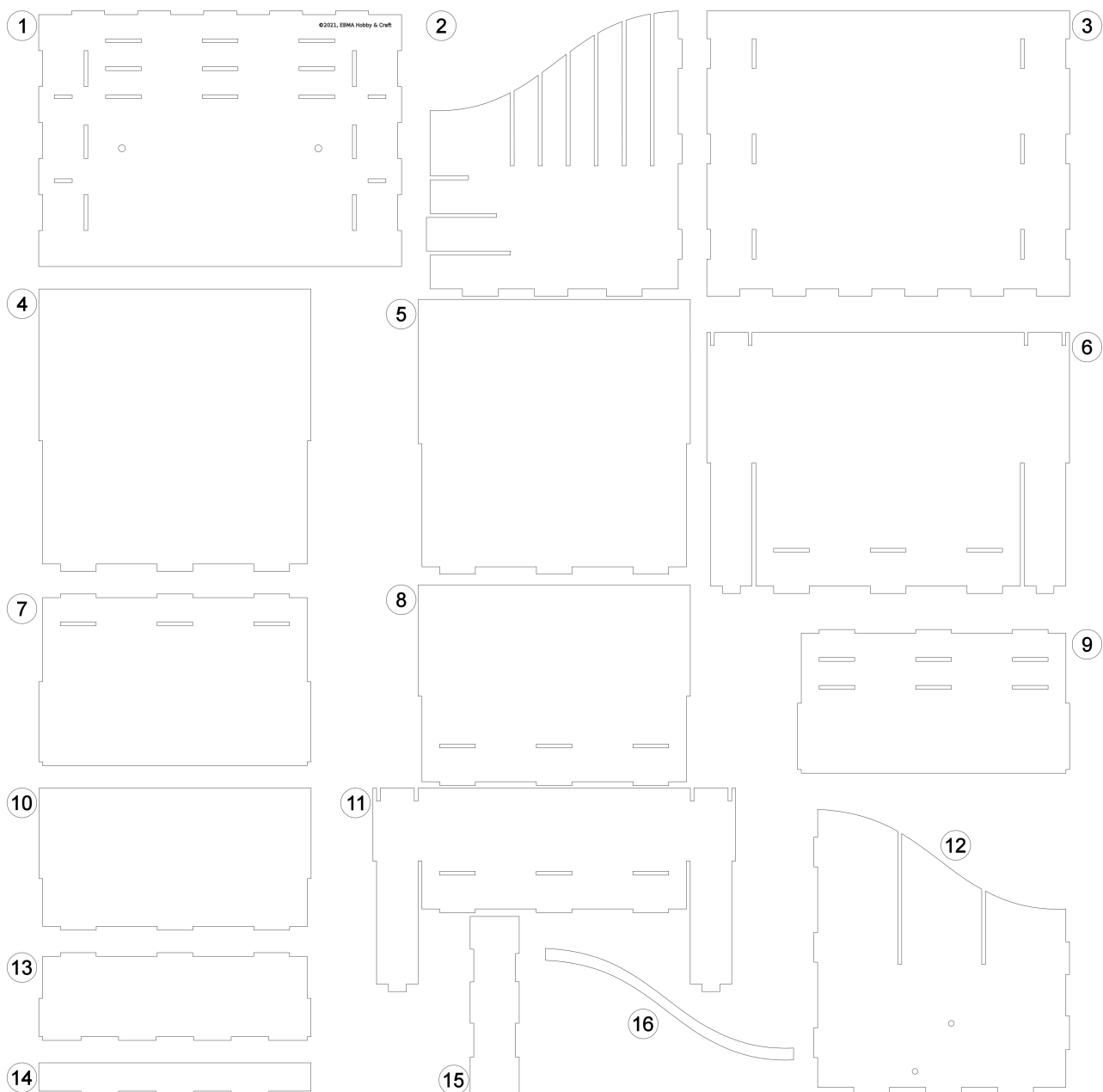
Introduction

The EBMA Modular Storage Units 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.

Main Unit Parts



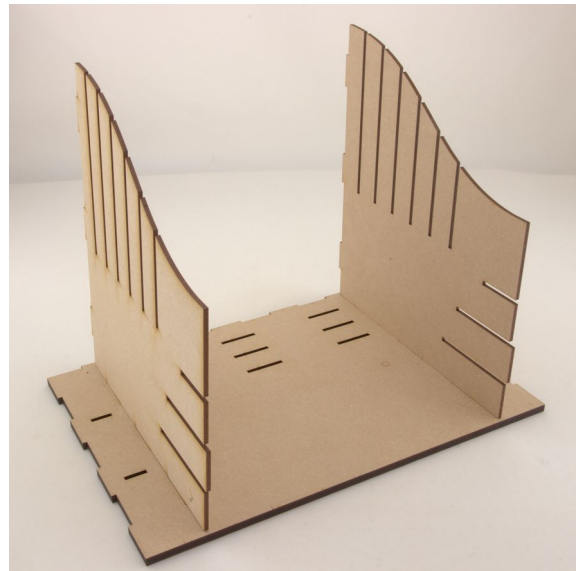
Construction

1. Position the 3mm magnets into the side panels and the 6mm magnets into the top and base. Remember the polarity of the magnets. Position the 3mm magnets into the side panels and the 6mm magnets into the base. Remember the polarity of the magnets. The magnets are to help align multiple units. Which way you put the north or south poles does not matter so long as you are consistent.

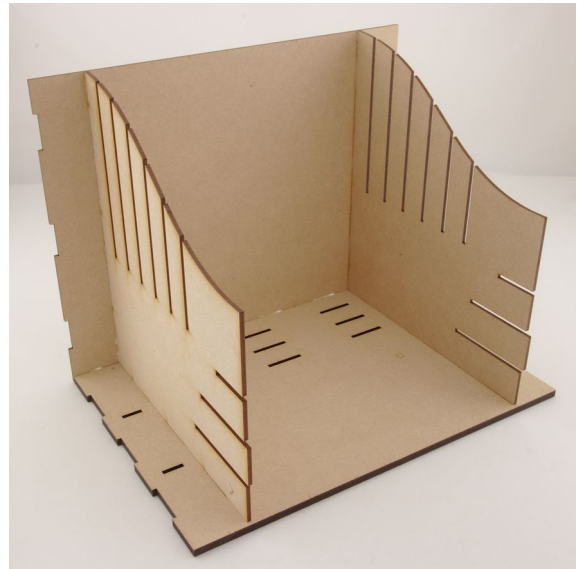
For the 6mm horizontal surfaces push the first magnet into it's hole, it's usually easier from the 'burnt' side of the wood. Unless you push them in and out several times it isn't usually necessary to glue them in. Having got the first magnet in, use this to align the other 6mm magnets. The only way of telling the alignment of the magnets is to offer them up to each other and it is often easier to handle the magnets as a stick of several rather than individually.

Do similarly for the 3mm vertical surfaces. The thinner magnets also have a tendency to twist slightly as they go in. To counter this place the side outer down and push the magnet with a round rod, such as the end of a mortice key. This should square it up and align it with the outer surface.

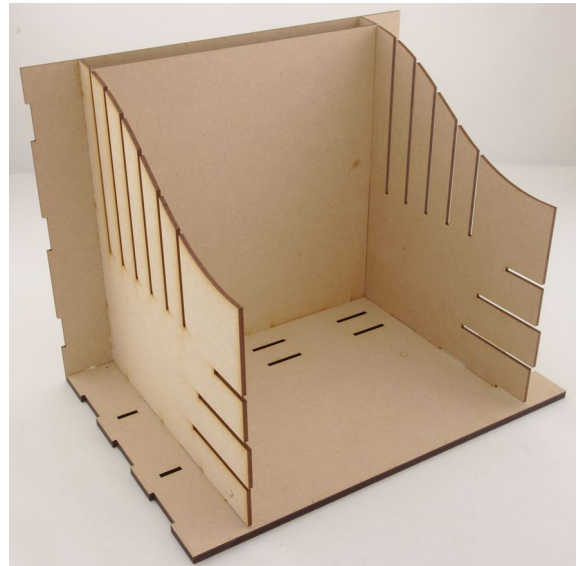
2. Place the middle supports (2) into the base (1). It is not necessary to glue these pieces.



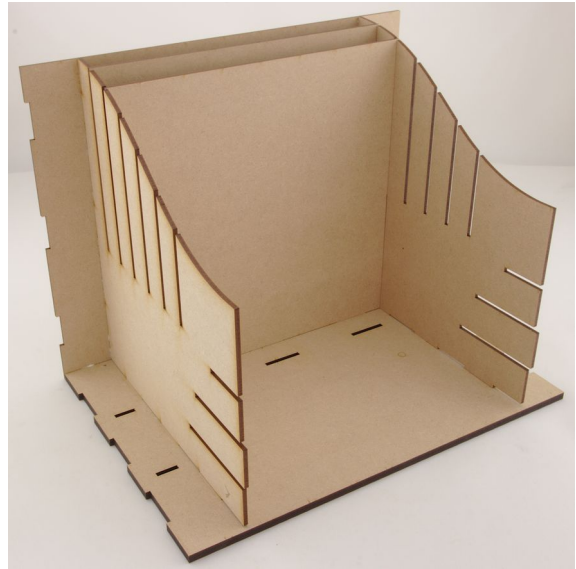
3. Glue the rear (3) onto the base.



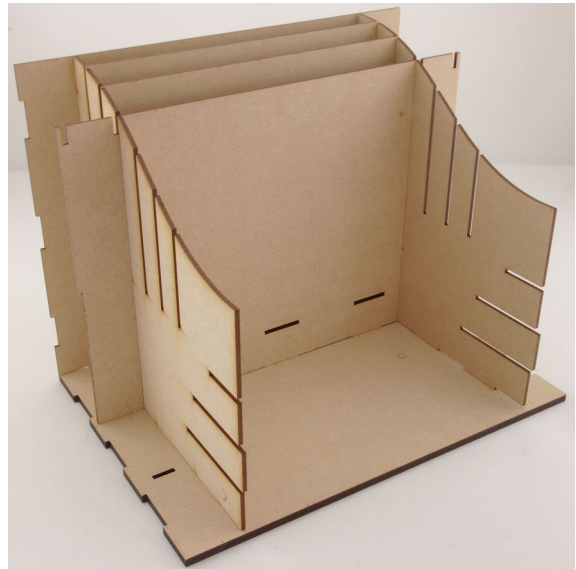
4. Push the rearmost divider (4) into place. There is no need to glue this piece.



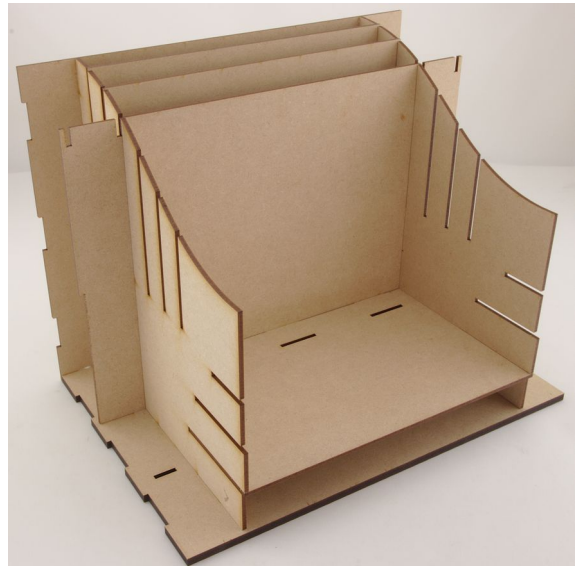
5. Push the second divider (5) into the second set of slots. There is no need to glue this piece.



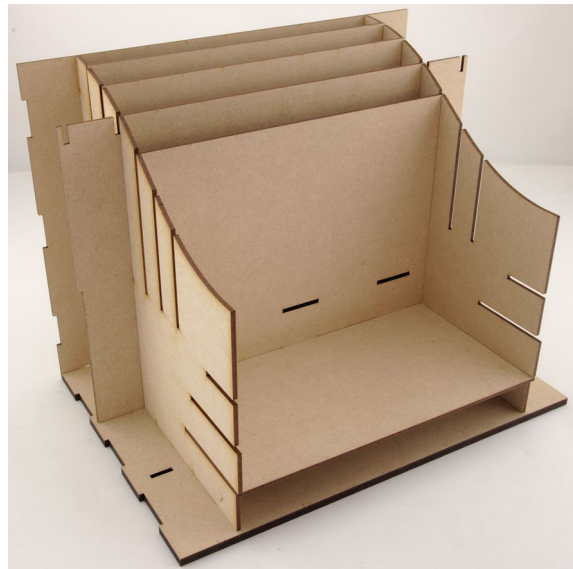
6. Push the first large divider (6) into place. There is no need to glue this piece.



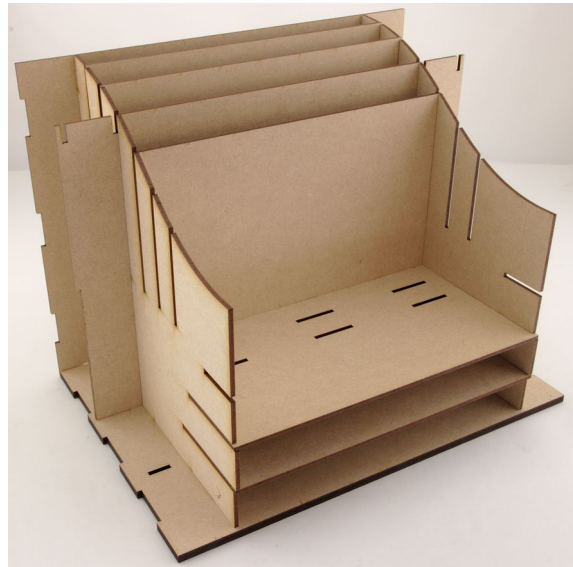
7. Slide in the lower shelf (7). There is no need to glue this piece.



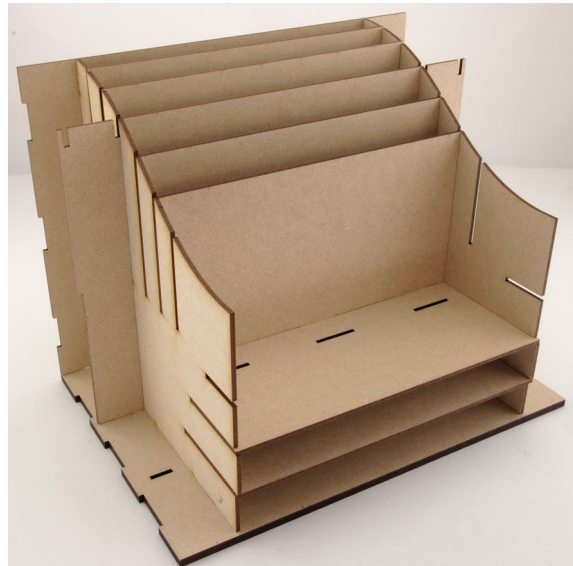
8. Drop in the next divider (8). There is no need to glue this piece.



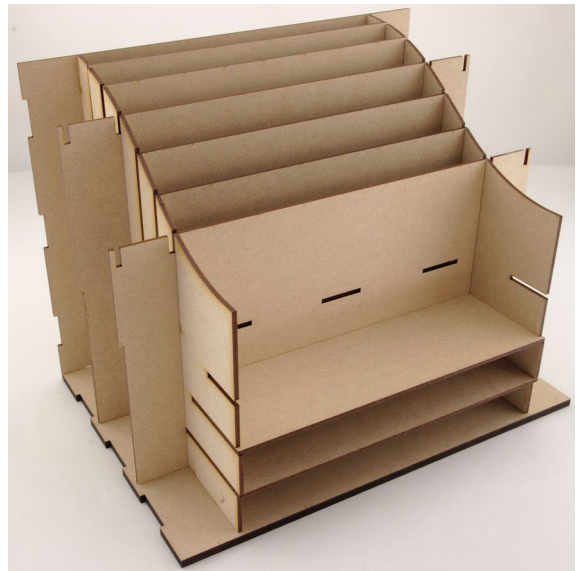
9. Slide in the middle shelf (9). There is no need to glue this piece.



10. Drop in the last small divider (10). There is no need to glue this piece.



11. Drop in the second large divider (11).
There is no need to glue this piece.



12. GLUE on the two sides (12). Note that these have been cut as mirror images so that the positioning of the burnt side will be consistent, i.e. both to the inside or both to the outside.



13. Slide in the top shelf (13). There is no need to glue this piece.



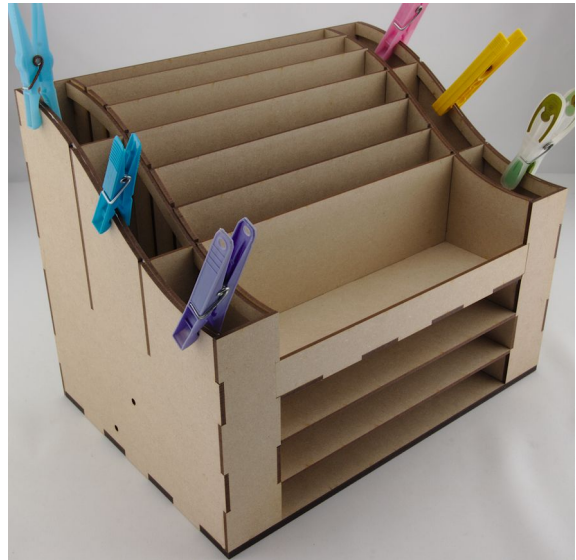
14. GLUE on the horizontal frontispiece (14).



15. GLUE on the two vertical frontispieces (15). Note that these have been cut as mirror images. Also, be aware that they are not quite symmetrical and dry runs are strongly advised.



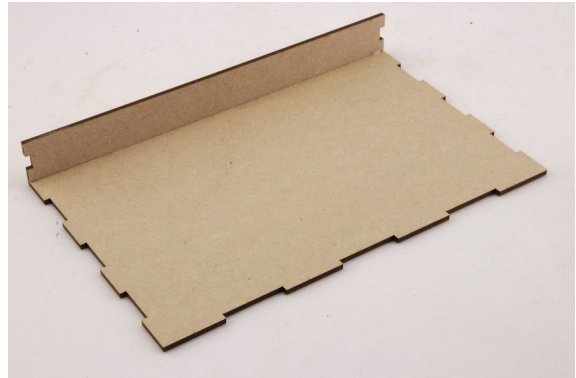
16. GLUE in place the four S pieces (16). Be careful to align these with the sides correctly. They will fit well one way and nearly but not quite right another. That is the main unit complete. Put it to one side to dry completely.



Drawer Assembly

There are three drawers. They are all of the same width and height, but are each of a different depth.

1. Glue the rear to the base



2. Glue the two sides



3. Complete by gluing on the front.
Leave to one side and ensure that the glue is completely dry before inserting into the main unit.

