215mm Sheet Storage Unit 2

Construction Instructions

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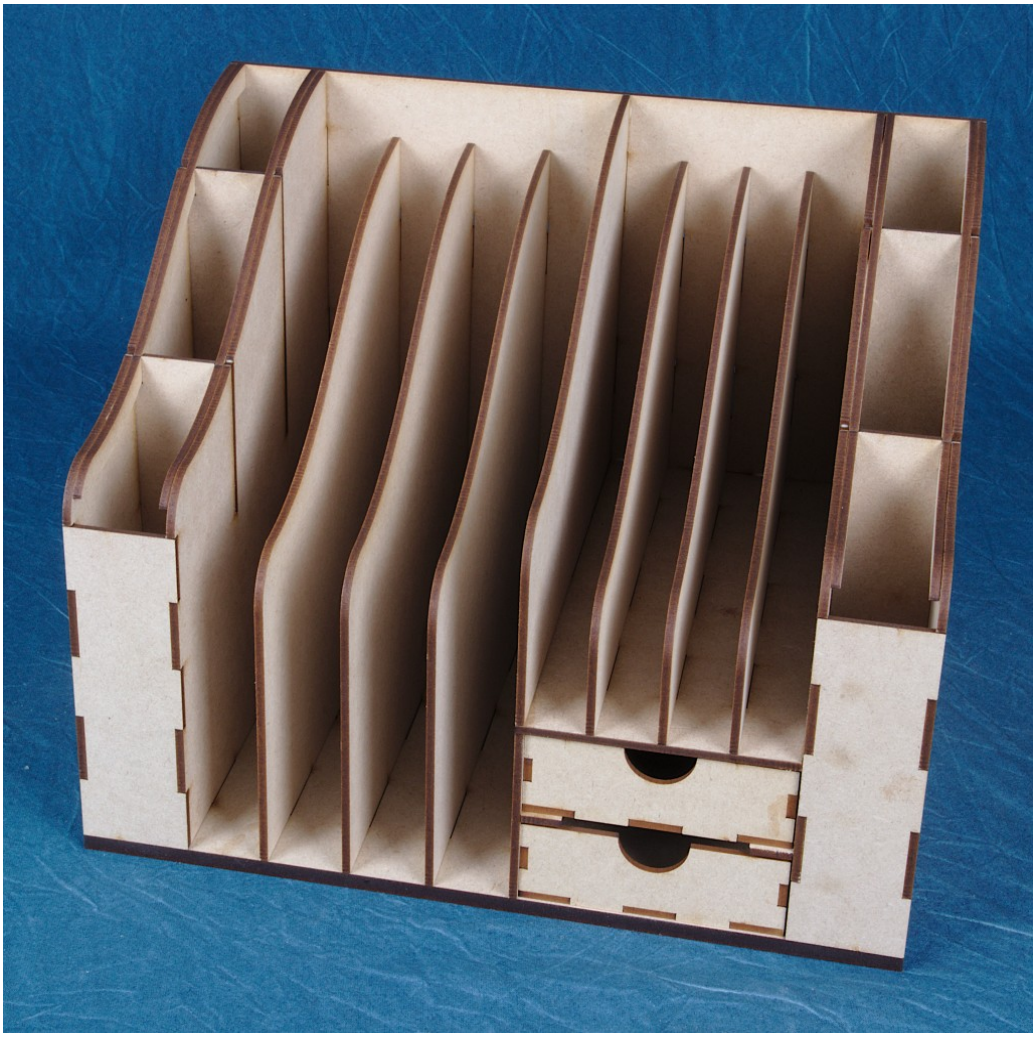


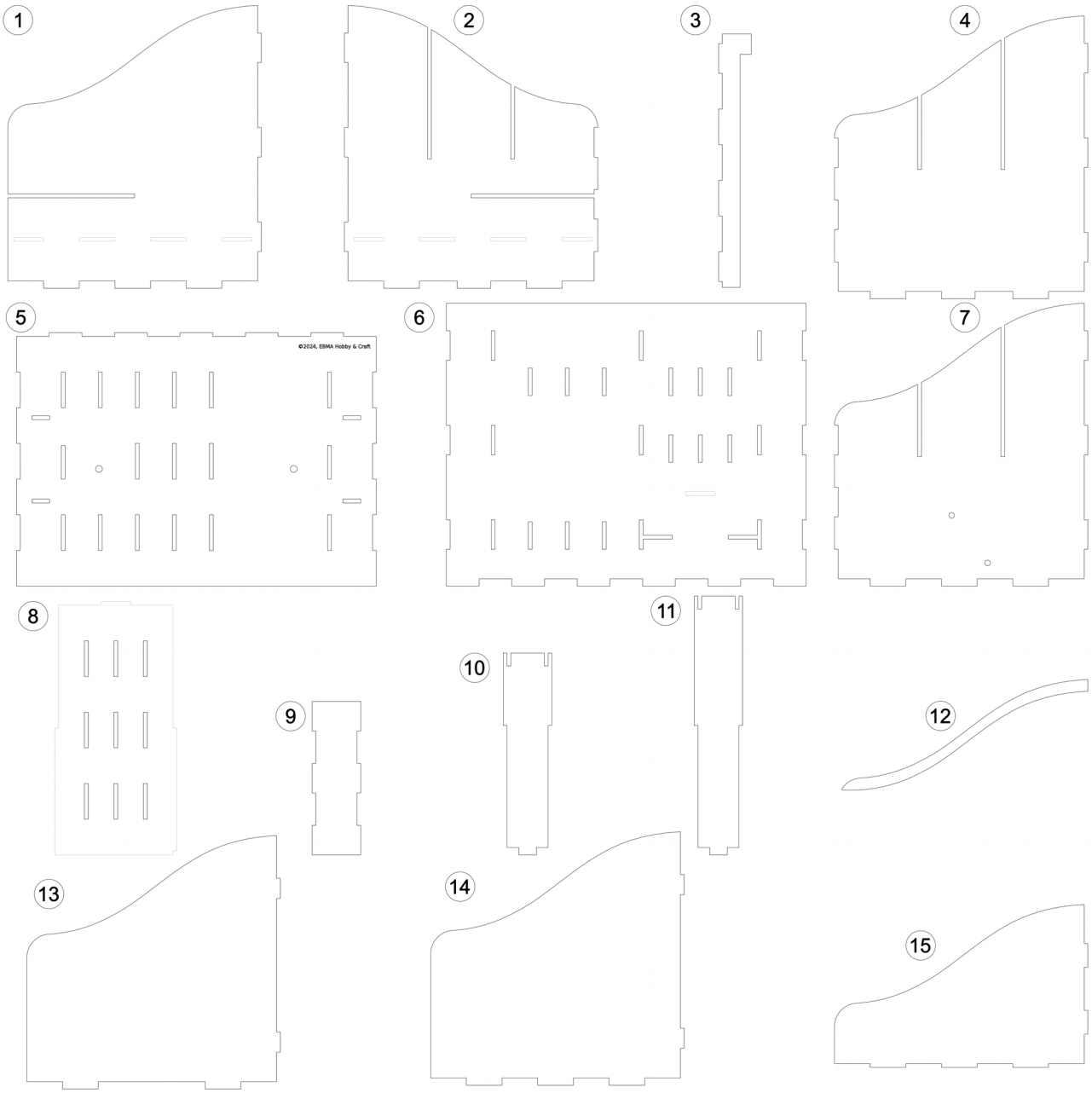
Introduction

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.

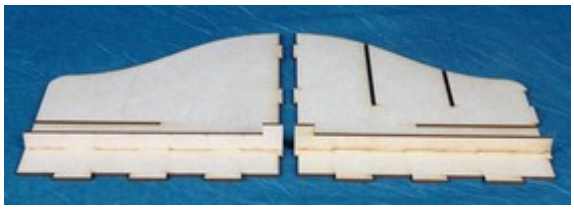
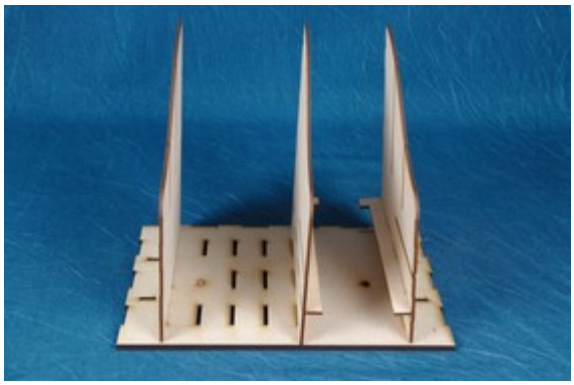
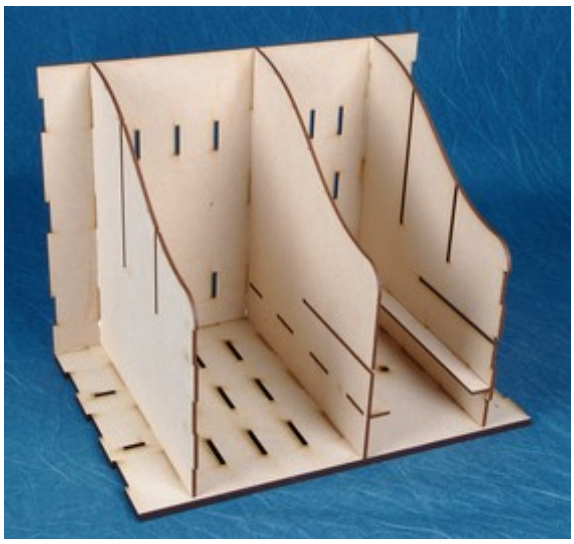
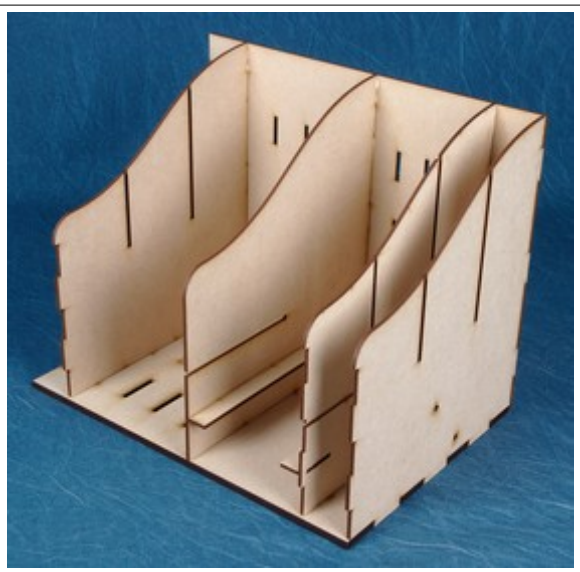
Dry fitting components prior to gluing is highly recommended, i.e. compulsory! You should also use an engineers' square during construction to ensure that everything goes together absolutely square.

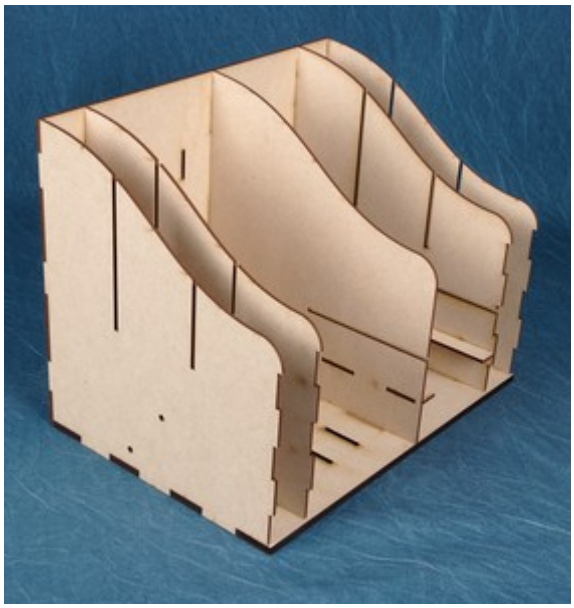
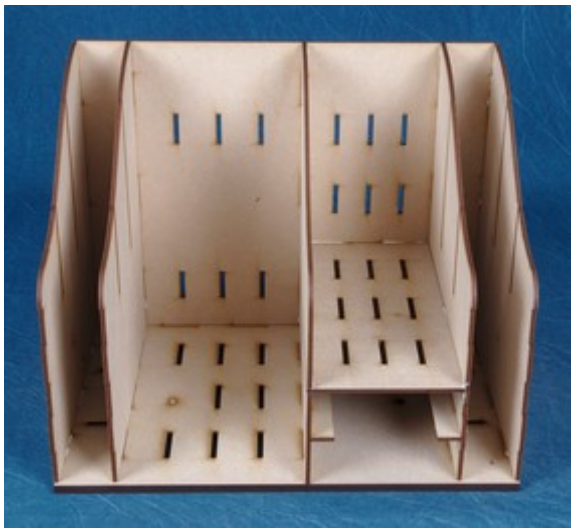
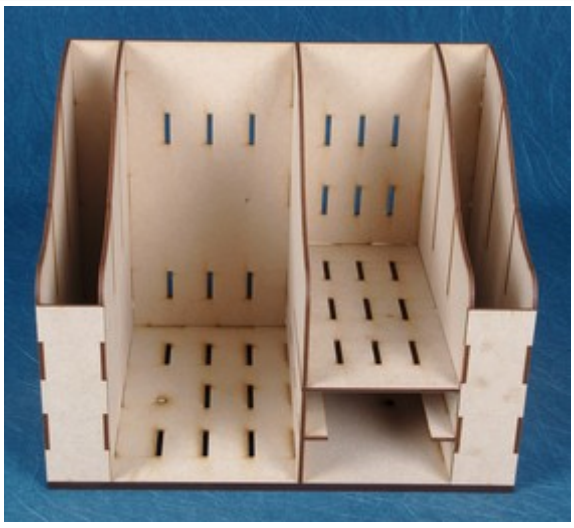
Main Unit Parts

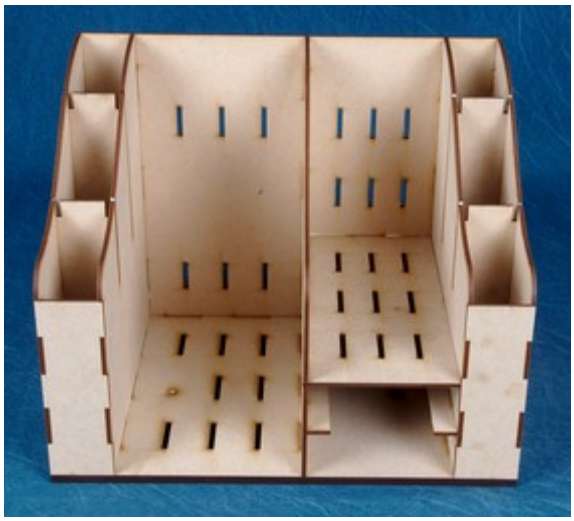
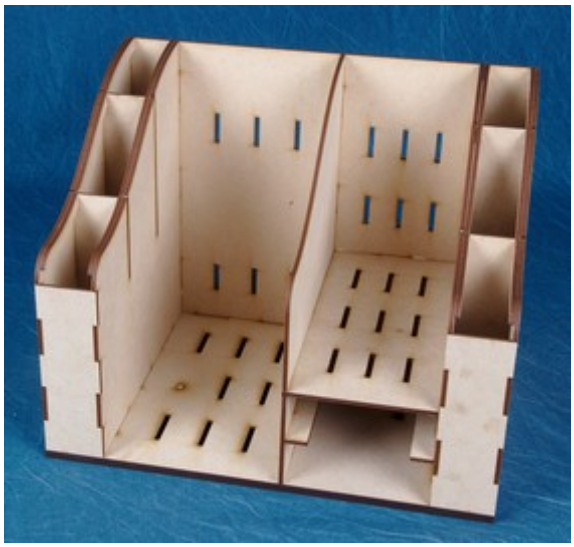
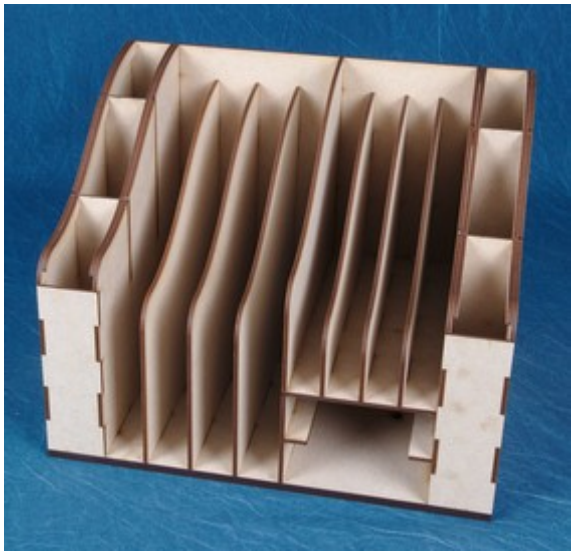


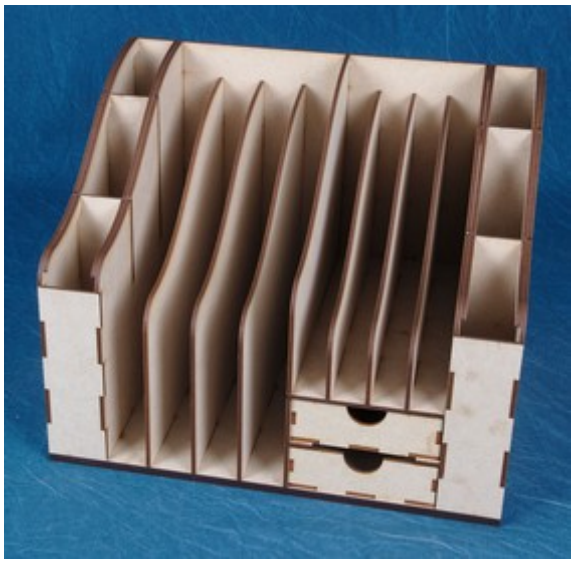
Construction

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.

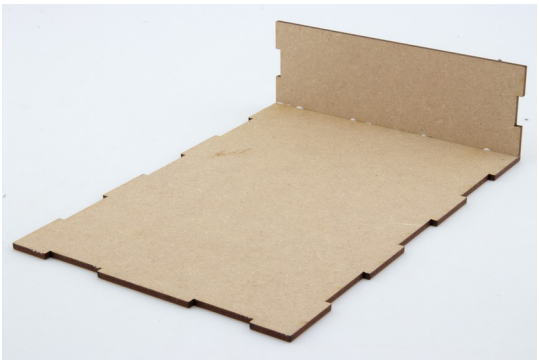
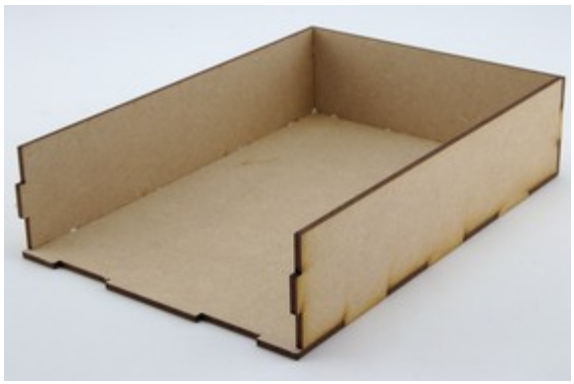
2. Glue the shelf supports (3) into the central and right hand inner uprights (1) & (2).	
3. Place the left hand, central, and right hand inner supports (4),(1),(2) into the base (5). It is not necessary to glue these pieces.	
4. Glue the rear (6) onto the base.	
5. Glue the right hand side (7) onto the rear and base. Note that the sides 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.	

6. Glue the left hand side (7) into place.	
7. Glue the drawer top piece (8) into place.	
8. Glue on the two front pieces (9)	

9. Lightly glue in the four compartment dividers (10) & (11)	
10. Lock the dividers in place by gluing in the four curved locking pieces (12).	
11. Insert both sets of dividers (13),(14) and (15). These can be left unglued if desired. Note that (13) does not have a lower central tab so that it clears the magnet in the base.	

12. Once everything has dried – leave it over night – the drawers may be inserted and the Sheet Store is complete.	

Drawers

1. Glue the rear to the base.	
2. Glue the sides onto the base. Remove any excess glue to ensure that the drawer will run smoothly.	
3. Glue the front on. Make sure it is a good joint as you'll be pulling the full weight of the drawer with this. The drawer is complete. Ensure that the glue is completely dry before inserting it into the Sheet Store.