215mm Tablet and Instruction Stand

Construction Instructions

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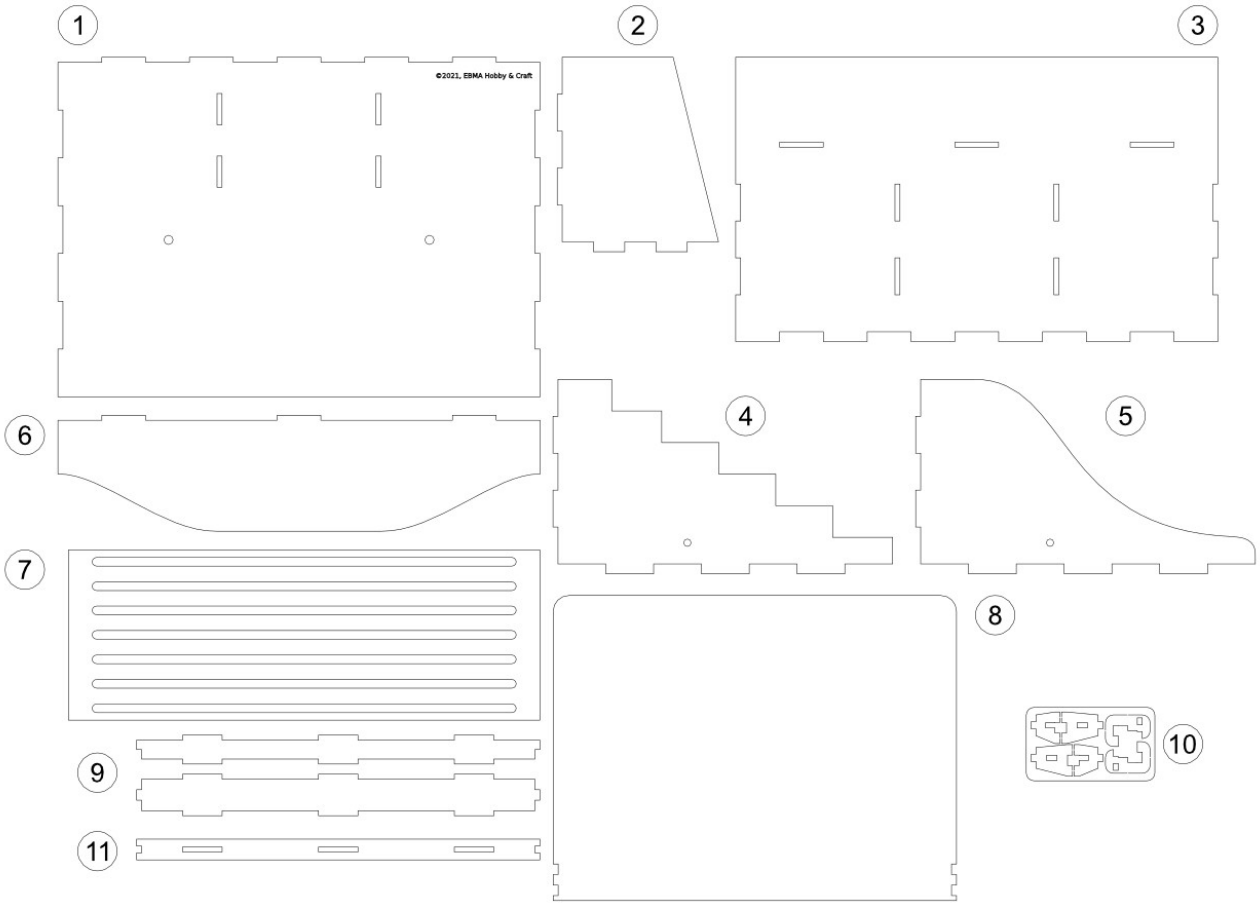
Introduction

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.

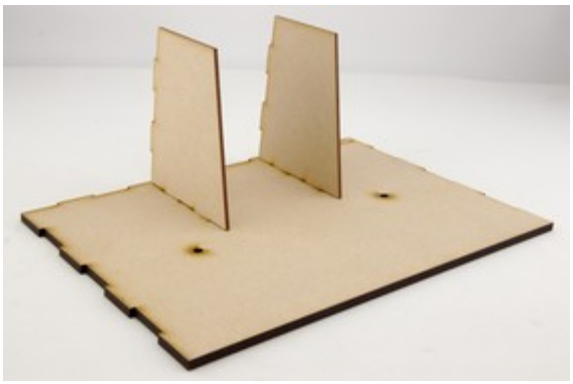
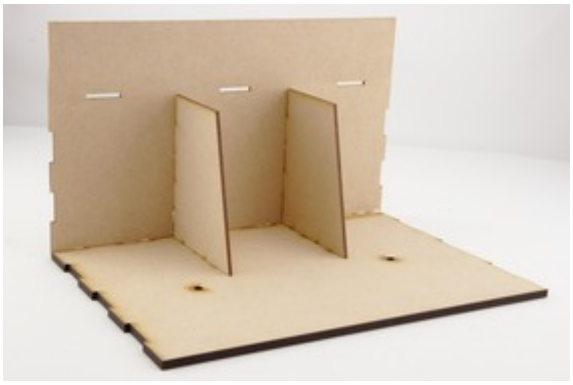
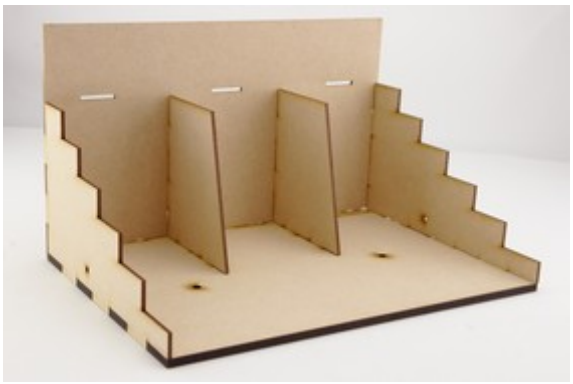
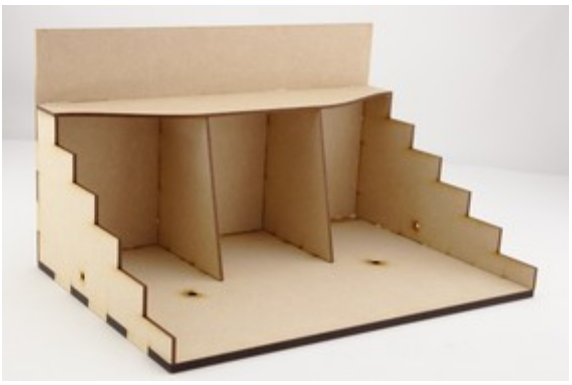
Dry fitting components prior to gluing is highly recommended, i.e. compulsory! You should also use an engineers' square during construction to ensure that everything goes together absolutely square.

Parts Schematic



Construction

1. Position the 3mm magnets into the side panels and the 6mm magnets into the 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. Glue on the two sides, either (4) or (5) depending on preference. The stepped sides are designed to match the other tiered units in the range.	
5. Glue on the top shelf (6).	
6. Glue on the slotted base (7). Place glue along the two side strips and several small dabs along the thin front edge piece. Align with the front of the unit.	

Tablet Holder

There are three options for the tablet holder depending upon the thickness of the tablet and case that you wish to support or if you wish to hold instructions. The narrower shelf will support tablets and cases up to 12mm thick and the wider shelf up to 20mm thick. The third option will hold cases up to 12mm thickness or instructions including A4 in landscape format.

1. Glue the shelf (9) onto the rear (8). Note that for the narrower shelf the widest part of the shelf should be against the rear.	
2. Glue the relevant two sides (10) to the rear and the shelf. If using the open ends please perform step 3 first.	
3. Glue the front piece (11) to the shelf and sides. The orientation of the open end is shown in close up for clarity.