

Windmill

Please read the instructions before starting construction.

When opening the kit you will notice the smell of burned wood. This is because the parts are laser-cut, which literally means a very tight light beam burns through the material. You may also notice some soot at the cut edges. The amount of soot depends on the material used. You can considerably reduce it by gently wiping at least the bigger and easy to reach edges with a soft cloth or household tissue.

PVA or equivalent glue will be required to glue parts together. Give glue enough time to dry. Wipe away any excess glue immediately using a fine cloth or the tip of a toothpick. A sharp hobby knife is needed to remove parts from the sheet. Be careful and always cut away from your body. Fine sand paper may be useful to clean these areas or any tight fitting joints. Clamps, pegs and elastic bands may help during the construction of the kit. Make sure that the parts are aligned correctly before applying any of these tools.

General pre-assembly preparations

You will achieve the best results in finishing this kit when you follow the steps listed below. Always double check with the provided pictures before gluing parts together and moving on to the next step.

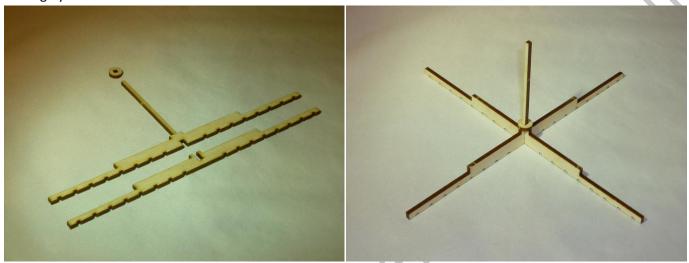
Please keep in mind that - in general - engraved sides of parts are considered "outside"; not engraved sides are "inside" or positioned less visible once the kit is finished.



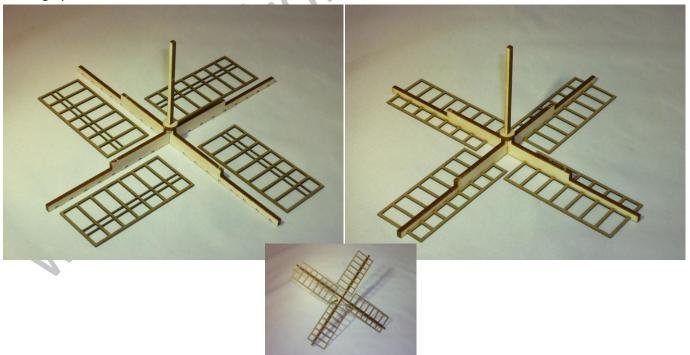
Assembly

Windmill vane:

Glue the two pieces forming the vane together. Add round end piece. Make sure to retain right angles. Let dry thoroughly.



Glue the four blades in place. Make sure to glue the blades in place as shown. You need to push the blades in place completely. Start with one blade at a time, align the blade to one arm of the vane, then turn it over und put it on a flat surface. You now can apply some pressure without danger of damaging the structure. Repeat three more times. Let dry thoroughly.

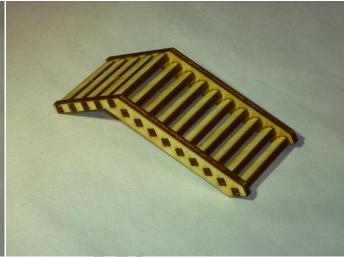




Stairs:

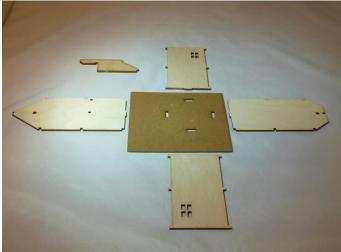
Glue 14 boards into support of the stairs. Work quickly and retain right angles. When done add second support. Wiggle the boards carefully until all are in place. Be patient, it fits perfectly! Let dry thoroughly.





Windmill:

Glue the walls together and then on the base as shown in the picture. Add roof ridge. Make sure to retain right angles.





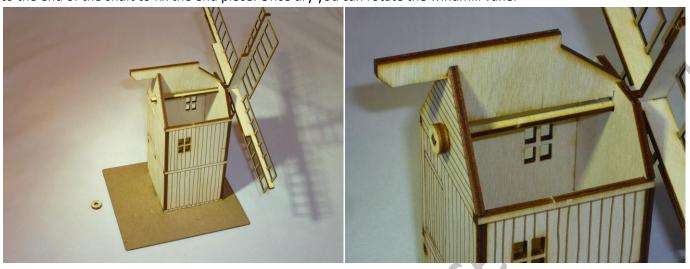


Important:

Make sure to arrange the base and the parts as shown in the picture. Otherwise the building will not fit on the base!



Now insert completed windmill vane into main structure. Use round end piece to hold vane in place. Only put some glue to the end of the shaft to fix the end piece. Once dry you can rotate the windmill vane.

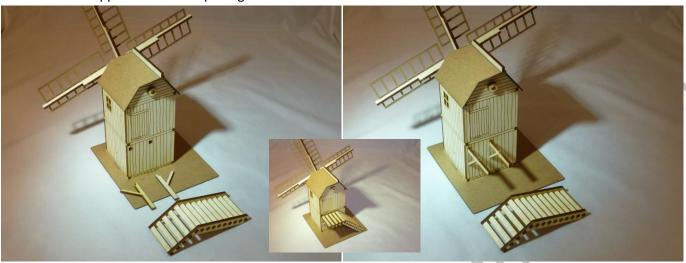


Add the two big roof parts aligning on roof ridge. Then add the small roof part.





Glue two stair supports into wall openings. Then add stairs.



Final stuff:

Add door and window frames. Add door handle. Glue railing in place and add handrail. Glue millstone on provided beams and place on base as desired.

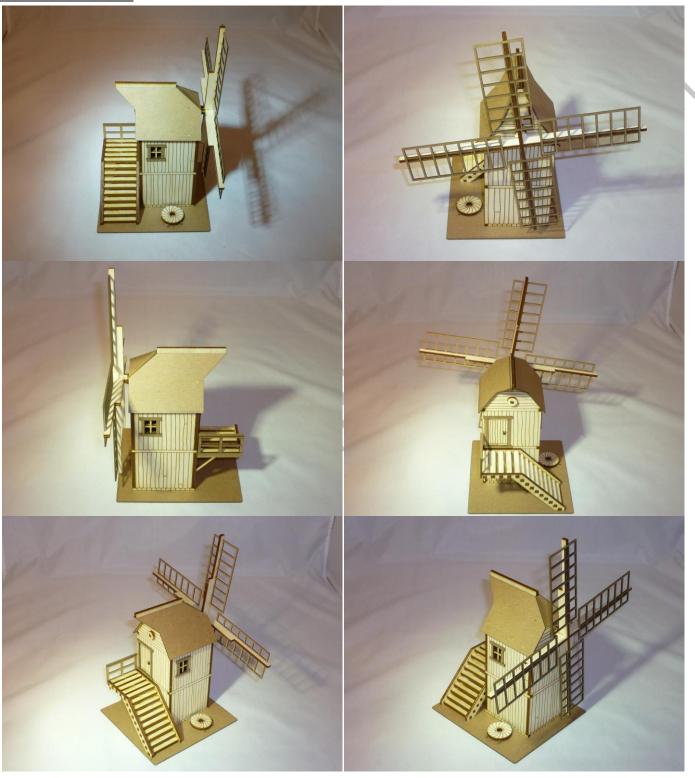


For an even more detailed look you may want to add roof tiles. Different styles are available and sold separately at www.thingsfromthebasement.com.

If you ever experience problems or difficulties in finishing this kit don't become desperate! Just send me an email at thingsfromthebasement@gmail.com and I will help you get it done. Having designed the kit and then providing an instruction for everyone to understand is probably the hardest part of the whole project. I am ready for every kind of feedback to improve kit and instructions. I just need to know!



Photos of finished kit:









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