

Creating a Dollhouse

Creating a unique gift like a doll house can be a pretty daunting project for even an experienced laser technician. This project can be made much easier by using the cutting layouts provided in the Doll House Pattern and Furniture CD's - LaserBits part numbers [CUS 081](#) & [CUS 082](#). These detailed patterns are created by LaserBuzz and open in CorelDRAW versions 10 through X3. Since they are in DRAW format, the patterns can be easily made larger or smaller to fit your project and laser size.

Many of the pieces interlock and the patterns are designed for materials, such as [Laser Woods](#), that are 1/8 inch thick. The more consistent the material - the better the interlock fit will be. Three-ply birch works very well for this project and wood working supply stores will be your best resource for this type of wood. Home centers may have a lower grade product available. Hand pick sheets of wood that lay flat and have fewer warps- this will create better cuts that interlock more accurately.



- Use some double stick tape in the corners of the wood sheet to hold them securely on your laser table. The MultiMat (LaserBits product [XGE 007](#)) is a reusable hold down mat that works well to keep thin materials flat during cutting. It is important that the wood is flat against the table of the laser.
- Make some sample cuts in the wood sheet to optimize your power settings. Keep the power as low as possible to reduce the burning on the edge. Too much burning will cause the cut thickness, or kerf, to be large and the interlock with other parts will be loose.
- In CorelDRAW, open the files from the Pattern CD. Print each of the files over to the laser and proceed with the laser cutting. After all the pieces are cut, assemble and glue the parts together using white or yellow wood workers glue.

Remember:

A detailed instruction document is provided on the Pattern CD and covers the assembly of the project.



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