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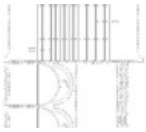
Treasure Chest with Hasp

by rmm5t Nov 13, 2015



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Contents

Summary
Assembly Instructions

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Summary

After building a rustic chest by hand from pine for one of my children, I thought it would be fun to design and build others via laser cutter. It turned out more beautiful than I anticipated, especially after organizing the cuts for a grain matched look.

The design assumes 5mm plywood (1/4" plywood).

Extra small parts are cut in case a piece breaks or the piece finds a resin pocket in the plywood.

The 2D diagram layout assumes a 0.2mm laser kerf.

Assembly Instructions

Assembly is relatively straight forward. Use standard wood glue to assemble all the parts. Be sure to keep the pieces in order to attain a grain-matched look. Be sure to have lots of clamps on hand. Rubber bands prove useful while trying to keep the top assembled while the glue dries. I used 3 penny nails for the hinge pins. Cut to length and super-glue in place (gel super glue highly recommended).

Treasure Chest with Lock
by SeanCF

Design Tools

Sketchup

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