

Joining Wood

Joining narrower pieces of wood provides obviously a wider master board to use for tabletops and other furniture construction. What's not so obvious are the following:

- You end up with a far more stable finished piece – avoiding splitting, warpage, cupping.
- The assembled piece is stronger than its component parts.
- Utilizes the natural look of wood.
- Saves money compared to very wide boards which carry a huge price premium and have a greater likelihood of warping, cupping and splitting.
- Avoids the manufactured look of plywoods.
- You have a solid wood product, where you don't have to separately trim the raw plywood edges and so on.
- Remember in your design to allow for the natural expansion/contraction of the panel, so that it does not split or cup.
- Some species of woods may “tear out” while machining. While we attempt using every normal precaution to avoid this, it may still occur.

Things to Consider

- Certain wood, for example, pine (including beetle kill/blue stain) are softwoods. As such, they need extra care in handling to ensure no damage is done to the edge that will be glued up together.
- Due to the nature of this natural product, we cannot guarantee the suitability or appearance of the end product.

We will...

- Using a variety of boards chosen and purchased from **FRONT RANGE LUMBER**, lay them out in the proper order and crown direction to result in a panel of your raw desired shape and size – for a “good one side” panel.
- Mark the boards accordingly for the set pattern for them to be glued.
- Use a joiner machine to obtain a fine edge to glue up the boards.
- Using a biscuit cutter, perform the biscuit layout and cuts.
- Glue up the panel using Titebond glue and biscuits.
- Complete preliminary sanding to remove most residual glue, rough surfaces, clamp marks, etc.
- End cut to the precise length needed.

We won't...

- Complete any finish sanding.
- Provide/install “breadboard” end boards, framing or other methods to help keep the panel flat.
- Complete work on items purchased elsewhere.

FRONT RANGE LUMBER COMPANY

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