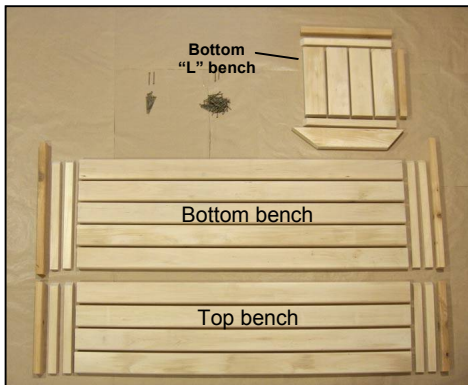


Stout Bench Assembly Instructions for Wall Mounted Benches



Assemble your elegant, Commercial Quality Stout Benches in minutes with simple tools. Check invoice for bench length and depth. These instructions cover a 2 tier bench layout with "L-Bench" on lower tier.

Wall Mounted Benches



1. Layout all pieces as shown, with top surface of bench boards facing down. Gap between boards is 3/4", use suitable spacers if necessary. First put down cardboard, etc. to protect wood finish while assembling. Fasten bench lattes 3" from each end of all benches. If more than 2 supports, just evenly space remaining supports in between the ends.

2. Use 2 1/2" long screws through support into bench stock. Fasten angled bracket or U-pillars with proper length screws into bottom of bench seat, (pre-measure so screw tips do not come out top of bench.) Use longer 3 3/4" screws to secure angled bracket or U-pillars to walls.

3. Fasten bench mounting rails to walls with 4" long screws, making sure screws are secured into support nailers behind paneling. Lower bench rail is longer to allow sliding of bench under top bench, a dowel in rail holds bench in front position. General rules for Bench heights are 18" for 1st tier, 36" for 2nd tier (and 54" for 3rd tier if overall height allows, 7' 6" or so). Benches are not usually fastened to rails to allow for sliding adjustment and easy removal for cleaning.



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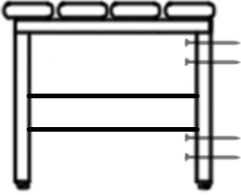
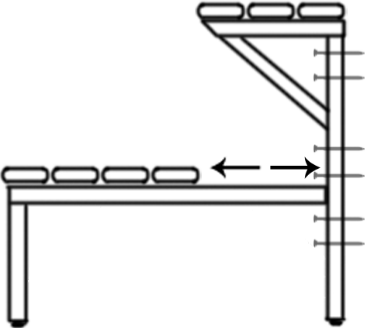
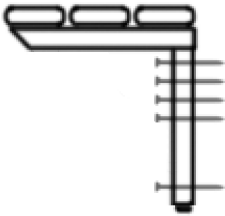
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Sauna Bench Pillar Assembly Instructions

There are 3 main types of Stout Bench pillars. (A.) U-Pillar, (B.) Double Pillar w/sliding bench and (C.) Angle Brace. **These design elements cover most applications, call for other bench design alternatives and options.** Wall mounted rails may be used in combination with some bench pillar designs. Most pillar benches have a dowel pin on top of wall rail as a slide stop or to lock bench in place from sliding. This allows easy bench seat removal for thorough sauna cleaning. Rubber feet or plastic adjustable feet keep wood off of floor surface in case of standing water. **IMPORTANT:** Be sure all bench rail or pillar mounting screws go through wall paneling and into wall framing studs or nailer supports. See drawings below for quantity and approximate placement of 3³/₄" long bench pillar mounting screws.

Tools Needed:

- Tape Measure
- Level
- Electric Drill
- 3/32" drill bit
- Countersink drill bit
- Driver bits or screwdrivers

	<p>(A.) U-Pillar Bench is stationary on pillars. Fasten pillars to wall behind for maximum support. In some applications U-Pillars support away from wall. Rubber feet or plastic adjustable feet are attached to bottom of legs.</p>
	<p>(B.) Double Pillar Lower bench can slide adjust from front to back on extended U-Pillar, or easily lift out for cleaning. One end of bench is typically supported on wall mounted rail. Pillars are fastened to wall behind. Rubber feet or plastic adjustable feet are attached to bottom of legs.</p>
	<p>(C.) Wall Mount Pillar Typically for single tier bench layouts or upper braces on multi-tier layouts. Pillar vertical brace is fastened to wall behind. Make sure pillar mounting screws grip framing studs in wall for maximum support. Rubber feet or plastic adjustable feet are attached to bottom of legs (bottom tier benches only where in contact with floor).</p>

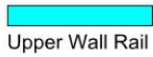
For a beautiful finish on bench tops, use fine grit sand paper with orbital palm sander or sanding block. Use proper breathing mask to avoid breathing wood dust, then wipe with a damp cloth.

Tip: A light sanding once a year will keep benches in good shape.

Sauna Bench Pillar Placement Guide

IMPORTANT!!! MAKE SURE TO INSTALL NAILER SUPPORTS TO FRAMING BEFORE T&G PANELING IS INSTALLED

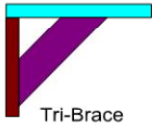
Bench Support Types



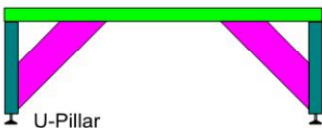
Upper Wall Rail



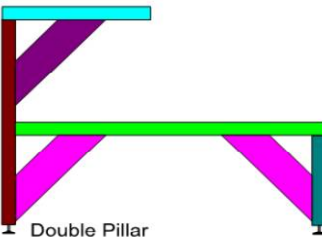
Lower Wall Rail



Tri-Brace



U-Pillar



Double Pillar

Adjust height of bench feet before attaching pillars to wall, so pillars are same height as wall mounted rails.



It is recommended to install 'Stops' on top of wall mounted rails to hold the bench from sliding. Typically 1/2" dowels are used, to fit in the gap between the 1st and 2nd bench seat planks (Fig. A). Usually bottom and/or middle level benches have dowel at front end of wall rail so bench can easily adjust seating capacity (Fig. B). The benches can still be easily lifted out for thorough cleaning of the sauna.

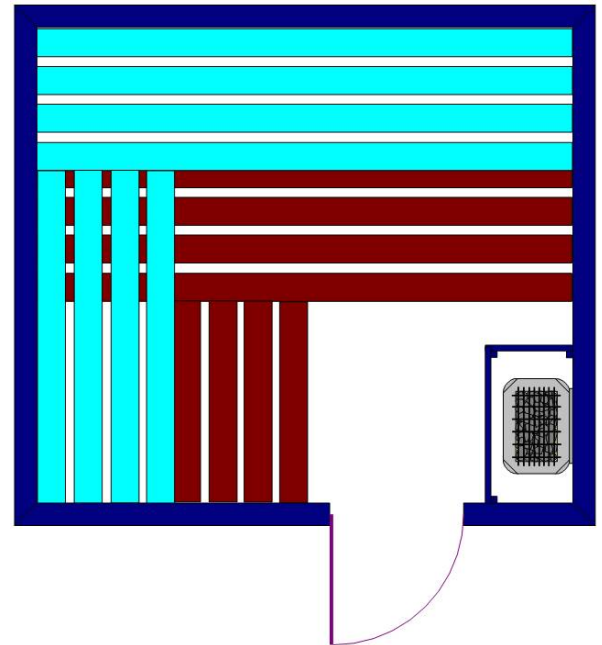


Fig. A

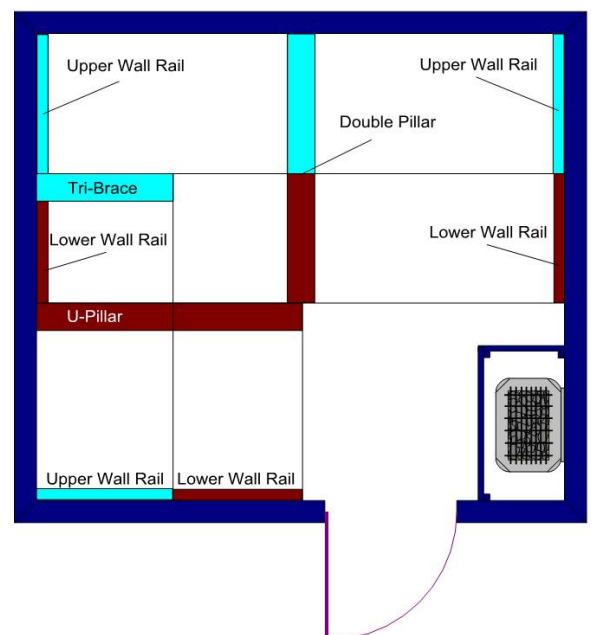


Fig. B

Sample Bench Layout



Sample Pillar Layout



Note: Side wall Floor Supported Rails are typically for sauna projects where only benches are being replaced and the original paneling will not be replaced (doesn't have proper supports inside wall).