

Clamp Rack

Installation & Operation Manual



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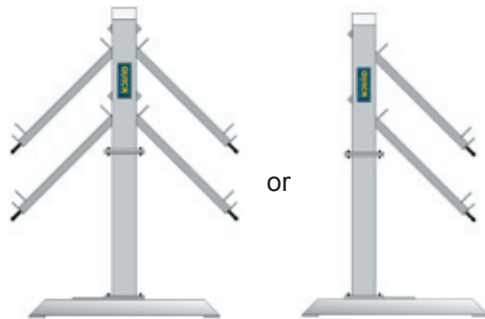
Introduction

Thank you for choosing a QUICK Clamp Rack. For optimum performance from your Clamp Rack, please follow these basic instructions.

Installation

You can set your Clamp Rack up for either two-sided (left drawing) or one-sided (right drawing) operation.

If you have enough floor space, the two-sided configuration will give you the most “working room.” If you’re limited on floor space, the one-sided configuration will be more compact.



1. With the Clamp Rack frame laying flat on the floor, attach the two legs to the frame with the supplied bolts.
2. Attach the two feet to the Clamp Rack legs with the supplied bolts. For two-sided operation, center the legs on the feet. For one-sided operation, attach the legs to the “offset” position on the feet.
3. Insert the supplied four small, round plastic caps into the four unused bolt holes in the Clamp Rack feet, to keep these unused holes clean.
4. Lift the Clamp Rack up onto its feet.
5. Mount the clamps onto the Clamp Rack frame. The clamps are simply lifted into position, inserted into the frame horizontally, then allowed to hang down at a 45-degree angle.

Although clamps can be mounted on all three rows, we recommend leaving the middle row vacant, to provide adequate “working room” between the rows.



Operation

1. Apply Bates Glue Release to the clamps, to help keep glue from sticking to the clamps. This will make clean-up as easy as possible.
2. Arrange the clamps as desired. For general edge gluing, clamps should be spaced no more than 18 inches apart. Also, you’ll want the two ends of each panel to overhang the first and last clamp by about 2 inches.
3. Adjust the rear jaws of the clamps, by depressing the rear jaw latches and sliding the jaws back, such that the clamps are open wide enough to accommodate the panels to be glued.
4. Apply PVA glue (white or yellow water-based woodworking glue) to the edges of the stock, and place the stock into the clamps.
5. Slide the rear jaws forward until they contact the rear edges of the stock.
6. Tighten the clamps by turning the clamp handles. Tighten them sufficiently to close up all glue joints. You should have squeezed-out glue all the way along each glue joint. While tightening, press the panels down by hand, and/or tap the individual sticks with a soft mallet, to make sure the bottom edges of all sticks are in contact with the top surfaces of the clamps. This will ensure that you end up with one flat reference surface, and that the finished panels’ usable thicknesses will be maximized.
7. After one hour, loosen the clamp handles and remove the glued panels. To avoid “sunken joints” caused by machining the stock too soon (while the joints are still swollen with moisture), wait 24 hours for the moisture in the stock to equalize before machining the panels.



Maintenance

Weekly

1. Clean the clamps with a plastic scraper, and re-apply Bates Glue Release.

Monthly

1. Oil the clamp screw and the thrust washer that’s located between the clamp handle and the clamp.