

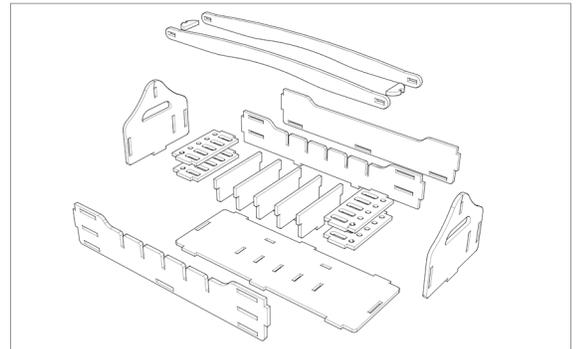


CHESAPEAKE LIGHT CRAFT

THE BEST BOATS YOU CAN BUILD™

How to Build the CLC Tool Box

CLC TOOL BOX



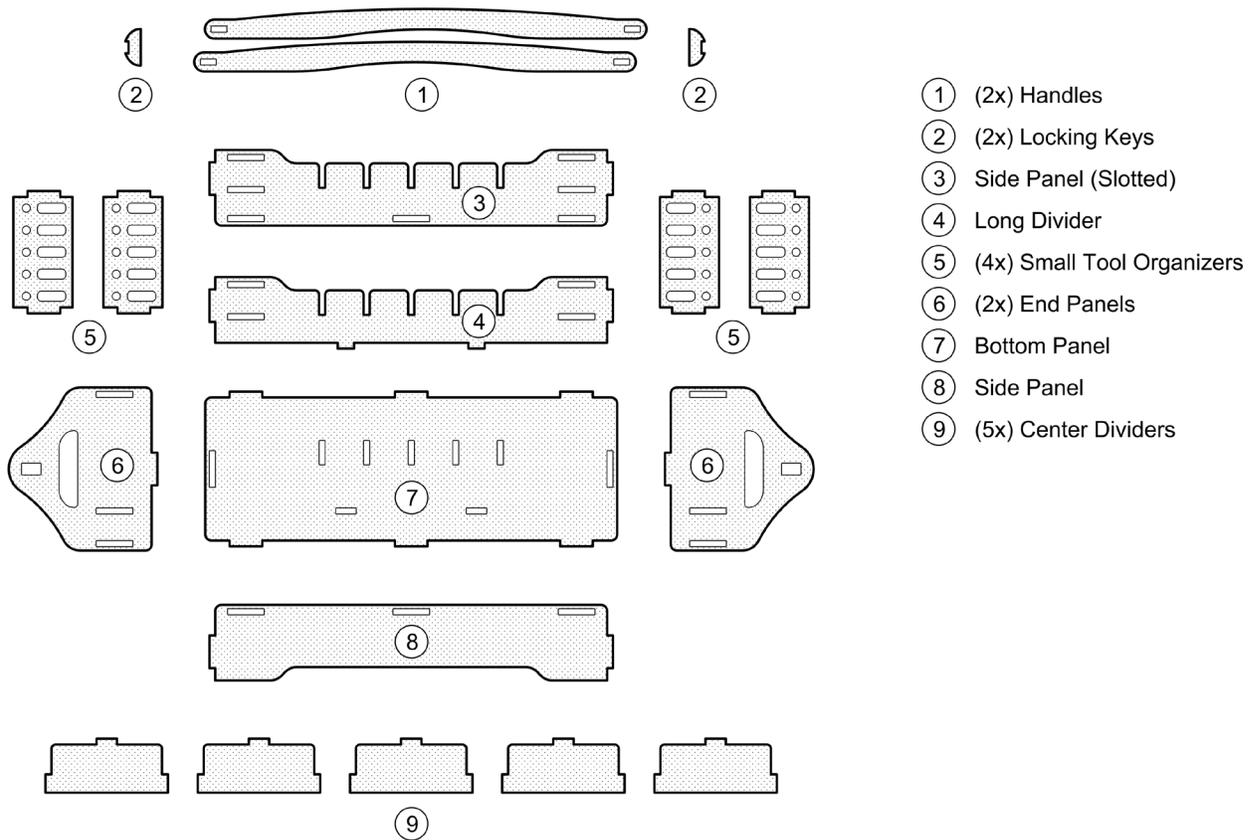
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www.clcboats.com

The CLC Tool Box is the boatbuilder's interpretation of the classic "tab-and-slot" type, favored by woodworkers for its ease of assembly and flexibility. As the name suggests, the tool box goes together with mortise-and-tenon joints, with two locking "keys" to hold the whole assembly together. And since it's made of marine-grade plywood, just like our boat and camper kits, the CLC Tool Box is rigid and durable.

How you finish your tool box is up to you. Either tab the parts together and call it a day, or coat the assembly with epoxy and varnish it for extra durability. Stain it or paint it if you'd like! Aside from serving as an excellent organizer for your boatbuilding tools, the CLC Tool Box is a great introduction to plywood kit construction.

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Assembling the Tool Box



Here are all the parts, ready for assembly. If you want to experiment with wood stain or different finishing techniques, now is the time!

You'll find that most of the parts have small "machine tabs" left over from the CNC machine. These are small nubs approximately half the thickness of the part to which they're attached. Their purpose is to prevent the parts from slipping on the cutting table, and now that they're no longer needed, you'll gently remove them with a rasp, sanding block, or file.



Begin assembly with the bottom and the slotted side panel. Arrange the parts as shown in the photo, here...



...and tab the slotted side panel into place.



Now round up the tool holder panels...



...and insert them into the slotted side panel.



Next, add the long divider to the assembly.



Then tab the second side panel into place.



The end panels are identical. Tab them into the bottom panel...



... and rotate them into place. The tenons on the side panels and long divider should tab into the mortises in the end panels.



The handles and keys use a friction fit to lock the assembly together. Use a bit of 120-grit sand paper to lightly round the outside edges of the handles...



...and soften the edges of the keys while you're at it.



The handle pieces should be glued together before you install them. Use wood glue, CA glue, or epoxy to bond the two halves together.



Slide the handle through the hole in one of the end panels...



...and lock it in place with a key.



Now slide the handle into the other end panel...



... and push the second key through the hole in the handle. You may have to bend the top of the end panel inwards a bit to get the key to slide into place, or gently tap the key with a rubber mallet.



Your kit includes five center dividers. Use them as you see fit to best organize your tools!



The finished tool box, ready for work:

