Richard's Machine Quilting Frame Front Handle Kit

Material List:
2 pcs 1X12 lumber 17 1/2” long
1 pc 1X2 lumber 9 1/4” long
1 pc 1X2 lumber 12 3/8” long
2 pcs 3/4” EMT thinwall electrical conduit 24” long
6 pcs conduit clamps 3/4” (single hole)
2 pcs foam bicycle handle grips
2 pcs 2” angle brackets (see pictures)
2 pcs 10-32X1/2” machine screws (nuts and bolts)
6 pcs 1 5/8” coarse thread drywall screws
4 pcs 2 1/2” coarse thread drywall screws
6 pcs 1/8” pop rivets 1/4” long
6 pcs #8 cupped washers

Start off by cutting two 24" pieces of 3/4" thin wall conduit. Bend them starting at the end and do a 90 degree bend on both.
Cut the sides out of 1X12 lumber as pictured.

The sides are about 17 1/2" high about 11" wide at the bottom and about 8 1/2" wide at the top. They are rounded at the back corners and routed with a quarter round bit.

The slot for the rear handles is 1 1/2" wide and 13" long it is set in from the back 1 1/2" and is set up from the bottom 1 1/2". The tapered slot in the front of the handle is about 4 1/2" at the bottom and about 2 3/4" at the top. It is set forward of the rear handle slot 1 1/2". All this does not have to be exact only drawn out and looking good to your taste!
<table>
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<tr>
<th>Notice here that I did not route the corner round in the area where the handle attaches to the carriage. Mark the mounting area at 7 1/4” x 3/4” at bottom of handle as pictured and drill the mount holes at 1 1/2” from the ends of your marked area.</th>
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<tr>
<td>This marked area is to be fastened to the side of your carriage as in the installation instructions. Drill a hole at 1 1/4” from top and side of the rounded area at the top of the rear handles.</td>
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<td>You are now ready to proceed to the installation instructions.</td>
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