



How-To Guide



CONSTRUCTING A

CUSTOM WORKTABLE



A PROFESSIONAL WORKTABLE IS ONE OF THE MOST IMPORTANT TOOLS USED IN CREATING CUSTOM WINDOW TREATMENTS, PROVIDING A STABLE, VERSATILE SURFACE FOR CUTTING, PINNING AND IRONING FABRICS, TABLING DRAPERY PANELS, UPHOLSTERING CORNICES AND MORE. THIS MUST-HAVE WORKROOM STAPLE WILL LAST FOR THE LIFETIME OF YOUR BUSINESS WITH OCCASIONAL RECOVERING.

PRODUCTS USED

ROWLEY PRODUCTS	ITEM #
Printed or Canvas Worktable Cover	<u>TCG or TC</u>
Worktable Padding	<u>TC10</u>
Pinnable Worktable Underlayment	<u>TC24/</u>
Casters	<u>TC21</u>
Upholstery Air Stapler	<u>NS13</u>
71 Series Staples: 3/8"	<u>NS33/E</u>
Straight Edge Rulers	<u>MR19-28</u>
Utility Scissors / Shears	<u>CU8/U</u>

OTHER MATERIALS NEEDED

- Wood: 2 x 4 x 8 (8), 2 x 4 x 10 (4), 1 x 2 x 8 (4)
- 1/2" or 3/4" Plywood Sheets (4)
- Deck Brackets (4)
- 1/2" x 2" lag bolts (16)
- 3/16" Drill Bit & Screw Gun
- Deck Screws: 2 1/2" & 1 1/4"
- Various Saws: Jig Saw, Table Saw, Compound Miter Saw or other
- Utility Knife
- Carpenter's Square

- This how-to guide covers the steps to fabricate a Custom Workroom Worktable.
- Our table measured 60" W x 35" H x 96" L. All measurements and materials are figured for this table size. If you need to adjust the finished height, length or width, you will need to adjust the materials needed.
- The top of the table will measure 60" W x 96" L with a 2" lip around all four sides.
- The bottom shelf will measure 56" W x 92" L.



- Select from our Printed or Canvas Worktable Cover.
- Worktable Padding forms a dense cushion under the Table Canvas, while Pinnable Underlayment provides a rigid yet easy pinning surface.



Pinnable Worktable Underlayment is placed on top of plywood

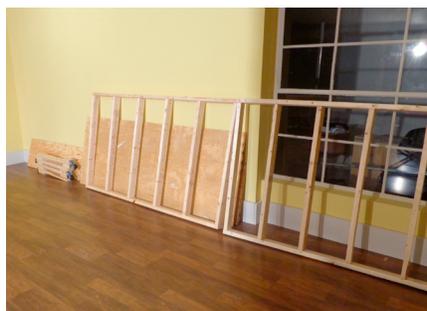
Planning & Cutting

- Table heights should be customized to the user. To determine the height, measure from the floor to between the hip and waist – or use a height that is comfortable to work at and still be able to reach across half of the table without having to stretch.
- All measurements need to be figured backwards from the finished height, width and length.
- It helps to sketch out your plans and double check all math prior to cutting.

- 1 Figure your finished height, width and length for your table.
 - A. For the height, subtract $1\frac{1}{2}$ " to get to the frame height.
 - B. For the width, subtract 4" to get to the frame width.
 - C. For the length, subtract 4" to get to the frame length.

FINISHED HEIGHT = $35" - 1\frac{1}{2}"$ (for table padding) = $33\frac{1}{2}"$; casters = 5" so leg measurement = $28\frac{1}{2}"$
 FINISHED LENGTH = $96" - 4"$ (2" surround on all sides) = 92" for frame length
 FINISHED WIDTH = $60" - 4"$ (2" surround on all sides) = 56" for frame width

- 2 Cut frame pieces.
 - A. Cut 4 pieces of 2 x 4 to 92" (two for top frame, two for bottom frame).
 - B. Cut 12 pieces of 2x4 to 53" (6 for top and 6 for bottom). These pieces will fit inside of the long side pieces that will account for 3".
 - C. Cut 4 pieces at $28\frac{1}{2}"$ for the legs.
 - D. Cut 8 pieces at 5" for the leg supports.
 - E. Cut two sheets of plywood to 30" W x 96" L for the top.
 - F. Cut two sheets of plywood to 48" x 56" for the bottom shelf.

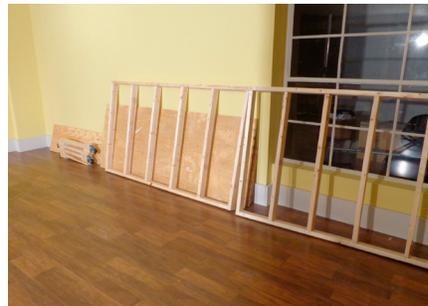


Putting the Frame Together

- 1 Attach a 5" cut to each side of the bottom of each leg, making sure the bottoms are flush.
- 2 Place casters on the center of each leg bottom and mark for holes.
- 3 Pre-drill holes, then attach caster using lag bolts.



- 4 Place two 92" 2 x 4's on their side about 54" apart. Then place the six 53" pieces, also on their side, running perpendicular, adjusting the end two so they are flush with the long side pieces and evenly spacing out the remaining four.
- 5 Using a carpenter's square, check to ensure it is square and then screw all pieces together.



- 6 Make two frames following steps 4 and 5 above.
- 7 Balance the bottom frame on the outside of each leg so the leg sits inside of the frame. Screw together.



- 8 For the bottom shelf plywood, cut out corners for legs, then screw to bottom frame, all the while checking for square.



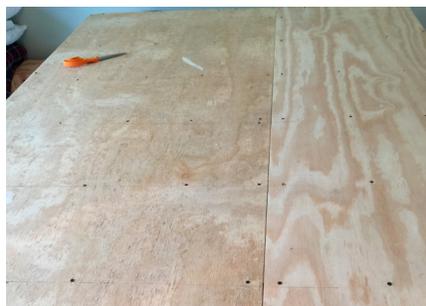
- 9 On the inside of each leg, measure down 3 1/2" and screw in a deck bracket, long leg out. This will hold the weight of the top frame until you get it screwed in.



- 10 Place top frame on deck brackets and screw down.



- 11 Place the two pieces for the top, measuring to ensure a 2" lip on all four sides. Mark support board placement for easy screwing. Screw down top.



Adding the Top Surfaces

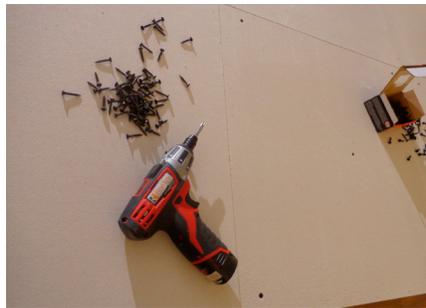
1 Lay out the Pinnable Surface Underlayment on the top of the table, aligning edges. See page 8 for size chart.

2 For the less-than-full pieces, mark on the bottom, score and then bend to break on score line.



3 Butt all pieces together and screw to frame.

- A. Use enough screws to keep the product in place but do not overdo the amount of screws as pins will not push past them.



4 Roll out the Table Padding and let sit overnight to release and resize.



- 5 Cut to table top size. Do not overlap on edges.
A. This surface does not need to be stapled down as the final canvas will hold it in place.



- 6 Apply Table Canvas by following the manufacturer's instructions included with the Canvas.



Upgrade your Worktable
with items such as our
Table Clamp Fabric
Dispenser by visiting:
bit.ly/worktable-construction-products



Pinnable Worktable Underlayment Size Chart

Pinnable Worktable Underlayment is sold in packs of 5 (Item # TC24/5) or 8 (Item # TC24/8). Each piece measures 24" x 24" x 1/2" thick, and is packaged either 5 or 8 pieces per pack.

Fabric Direction (These will need to be seamed)

		Width									
		0"	12" (1 ft.)	24" (2 ft.)	36" (3 ft.)	48" (4 ft.)	60" (5 ft.)	72" (6 ft.)	84" (7 ft.)	96" (8 ft.)	
Length	Inches	6"	18"	30"	42"	54"	66"	78"	90"		
		0"									
	6"	1	1	1	1	1	1	1	1	1	1
	12"	1	1	1	1	1	2	2	2	2	2
	18"	1	1	1	2	2	3	3	3	4	4
	24" (2 ft.)	1	1	2	2	3	3	3	4	4	4
	30"	1	2	2	3	3	4	4	5	5	5
	36" (3 ft.)	1	2	2	3	4	4	5	5	6	6
	42"	1	2	3	3	4	5	6	6	7	8
	48" (4 ft.)	1	2	3	4	4	5	6	7	7	8
	54"	1	2	3	4	5	6	7	8	8	9
	60" (5 ft.)	1	2	3	4	5	6	7	8	9	10
	66"	1	3	3	4	6	6	8	9	9	12
	72" (6 ft.)	1	3	4	5	6	7	8	9	10	12
	78"	1	4	4	5	7	8	9	10	11	13
	84" (7 ft.)	1	4	5	6	7	8	10	11	12	14
	90"	1	4	5	6	8	9	10	12	13	16
	96" (8 ft.)	1	4	5	6	8	9	10	12	13	16
	102"	2	5	5	6	8	9	11	12	14	17
	108" (9 ft.)	2	5	6	7	9	10	11	13	14	18
	114"	2	5	6	8	10	11	13	15	16	20
	120" (10 ft.)	2	5	6	8	10	11	13	15	17	20
	126"	2	5	6	8	10	11	13	15	18	21
	132" (11 ft.)	2	6	7	9	11	12	14	16	18	22
	138"	2	6	8	9	12	13	15	18	19	24
	144" (12 ft.)	2	6	8	9	12	14	15	18	20	24

Notes: Red L-shaped icons indicate required fabric pieces (e.g., 2 yds TC10, 3 yds TC60). Blue L-shaped icons indicate required fabric pieces (e.g., 6 yds TC60). Blue text indicates "Will be seamed".