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Manufacturer of Postforming and Laminating Machinery

CTR960 Countertop Router

Edgetech's CTR960 Countertop Router cuts sink, range and other openings in postformed and solid surface countertops.

An adjustable stop system allows you to easily cut rectangular openings without the need for templates. These stops are easily set to the desired opening size. The top is positioned using a laser line and is held in place with pneumatic holddown clamps. The router motor is raised and lowered by pneumatic control. The router is easily traversed around the desired profile on an X-Y-Z v-rail system to produce the desired opening.

Conventional templates can be used to produce oval and other irregular shaped profiles.

Standard Features

- X-Y-Z Vee[®] lineal rail system
- Adjustable stop system for rectangular openings 6½" – 48" wide by up to 30" deep
- Dual corner radius stops for 1" and 1½" corners
- Laser alignment
- Adjustable depth stop turret allows for 3 pre-set router depths for various applications
- 3¼ HP router motor
- Pneumatic raising and lowering of router motor
- Pneumatic holddown clamps mounted on pivoting arms
- Special collar around cutter forces air to blow sawdust down to dust collection area
- Flip stops to position countertops with backsplashes and for bartops or flat panels
- Easy access to router bit for replacement and adjustment for even bit wear
- Replaceable work surface supports
- Tubular steel frame with leveling bolts
- 3 dust collection connections (4" diameter openings)
- Clamp bars for holding short tops or when routing close to the end of a top



Rectangular openings – no templates needed



Optional Features

- Quick Change Guide Bushing Assembly – for use with a template. Allows for a rough cut and final cut without changing template, resulting in a smoother edge
- High Frequency Router Motor - for special applications
- Additional Corner Radius Stops - Specify 2 radiuses (¼" – 3½")
- Coped Sidesplash Fixture - Set (1 base panel and 1 top template panel for one profile ¹)
- Top Template Panel ¹ only for additional countertop profiles
- Laminate Endcap Template for standard 'L' shaped endcaps (makes up to 10 at a time) includes 3 pneumatic air cylinders, control valve and connection hose
- PACE Hot Melt Coater - apply hotmelt to laminate endcaps
- Pneumatic carriage brake to lock router in X direction
- 6 position depth stop turret
- Dust collection system (3 HP) with hoses, clamps and tee
- Custom modifications

¹ Note: Edgetech measures your sample countertop and creates a CAD file of your profile for CNC machining of your template panel(s)



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CTR960 Countertop Router Specifications

Submit profiles for review. Some restrictions may apply to combinations of these dimensions.

Routed opening size, side-to-side	6½" min. – 48" max. ²
Routed opening size, front-to-back	4¼" min. – 30" max.
Minimum board length, side-to-side	34" (24" with clamp bars) ²
Maximum board length, front-to-back	36"
Material thickness (using 4" router bit)	1" max.
Guide bushing outside diameter	7/8"
Router bit – standard carbide tipped	½" diameter x 4" long
Router motor	¾ HP 120V 21,000 RPM
Electrical requirements	120V 50/60 Hz 1 Phase 20 Amp
Air requirements	80 – 100 PSI
Machine working height / overall height	33" / 75"
Machine width x length	79" x 53"
Shipping weight (approximate)	1,500 lbs.

Production capacities and specifications are provided for the convenience of our customers and are not binding. Edgetech reserves the right to make changes without notice. Please contact us if the above capacities and/or specifications do not meet your requirements.

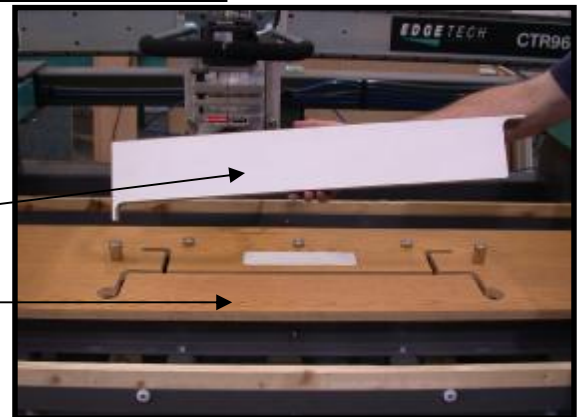
² The router bit can be moved within 5" of the holddown arms. If the opening is located closer than 9" from the end of the top or if the top is less than 34" long, the clamp bars must be used to hold board in place.



Optional Template: Coped Sidesplash Blocks

Coped sidesplash blocks provide a nice finish where the countertop meets a sidewall. These coped sidesplash blocks can be produced quickly and easily on the CTR960 with a custom **Sidesplash Template Fixture** made to match the customer's countertop profile(s).

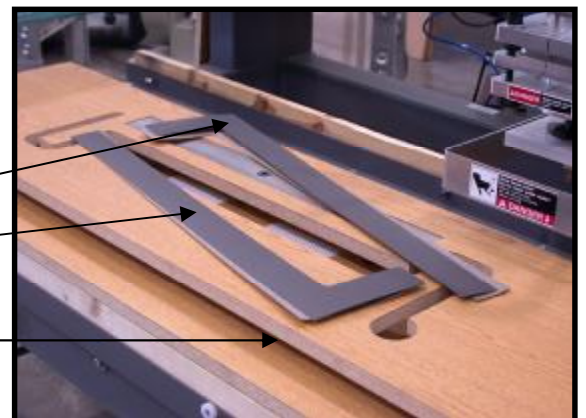
Coped Sidesplash Block
Custom Sidesplash Template Fixture



Optional Template: Laminate Endcaps

Laminate endcaps for capping the exposed ends of a countertop can be produced quickly and safely on the CTR960 using a special **Laminate Endcap Template Fixture** from Edgetech. This pneumatic fixture clamps several pieces of laminate securely in place and can produce 10-12 laminate endcaps at time.

Laminate Endcaps
Laminate Endcap Template Fixture

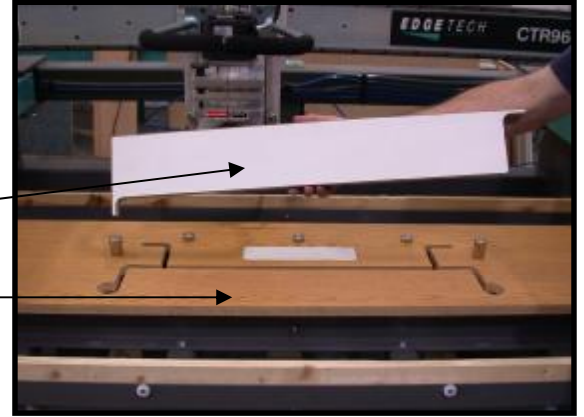




Optional Template: Coped Sidesplash Blocks

Coped sidesplash blocks provide a nice finish where the countertop meets a sidewall. These coped sidesplash blocks can be produced quickly and easily on the CTR960 with a custom **Sidesplash Template Fixture** made to match the customer's countertop profile(s).

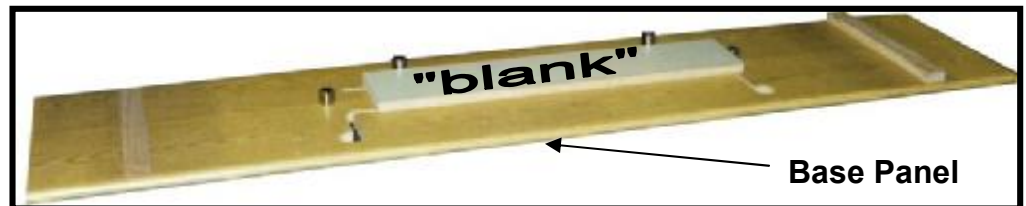
Coped Sidesplash Block
Custom Sidesplash Template Fixture



Process:

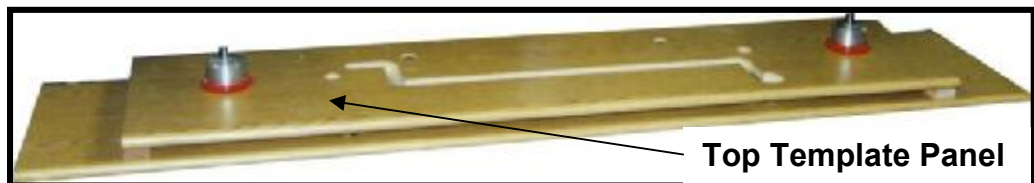
- Base panel is placed on the CTR960 Countertop Router table

- A "blank" block is made that would have laminate on one surface, one long edge and one end edge



- This "blank" is located against two back stop posts and one of the end stop posts (the edges that have been pre-laminated are placed against the stop posts and the laminated surface is down)
- The Top Template panel is placed on top of the "blank" and is located using two openings which fit over the back two stop posts

- The CTR960 holddown pads clamp the top panel securely, holding it in place



- The Top Template panel has a slot for the guide bushing of the countertop router to follow
- Once the router has been passed through the entire slot, the remainder of the "blank" will fit over the profile of your countertop.

Note: The Top Template panel must be custom made to match your particular countertop profile. A different Top Template is needed for each different profile (waterfall, no-drip, etc.). Likewise, a kitchen and vanity would require different Top Template panels. The Base panel can be used with several different Top Template panels. Left and right blocks are achieved by turning the top template panel over and locating the "blank" against the opposite end post.