

Kitchen Countertop Machines POSTFORMING MITER SAWS



POSTFORMING MITER SAWS Innovation. Not Imitation.

Evans Midwest Cutting Stations produce fast, accurate, precision miter cuts and drawbolt mortises when fabricating postformed kitchen countertops. One operator can produce a complete miter joint with draw bolt mortises in under three minutes. Reduced handling cuts cycle times, operator fatigue and product damage. A great machine, backed by over 50 years of experience, Midwest continues to set the industry standard continually improving product design as technology progresses. Available in models CS X/XL/XLT.

CS X CUTTING STATION with Optional Heavy-Duty Roller Conveyors

STANDARD FEATURES

- Upper and lower frames are machined in a single set up at Midwest's state-of-the-art manufacturing facility
- Fixed stops at 22.5°, 45°, and 90° (RH & LH side)
- Pneumatic locking pin
- 5 HP saw motor with heavy-duty arbor assembly
- Variable speed forward/reverse drive
- Router system includes four (4) router motors, guiding template, rotating template pin with ball bearing
- Two (2) pneumatic hold down clamps per side
- OSHA recognized safety Awareness Barriers
- Heavy-duty rear fence
- Three (3) dust collection hookups
- Plexiglass shield
- Ergonomically designed with low profile control panel and sure-grip operator handles
- Sixteen (16) inch (406 mm) saw blade and four (4) router bits
- Safety interlocks and emergency stop

OPTIONAL EQUIPMENT

- Standard and heavy-duty roller conveyors
- Special wheel conveyors
- Special fences with flip-over stops
- TigerStop electronic fence with automatic positioning
- Laser guideline kit
- Dust manifold
- Variable miter kit with digital readout
- Backsplash clamps
- Support rings for short parts
- Dust enclosure kit
- 5th router motor kit

Evans Midwest CS X Signature™ Cutting Station is an entry level machine designed to fabricate standard kitchen countertops and vanities up to 30 inches (760 mm) wide.

The CS X has an overall cutting length of 42.5 inches (1080 mm) at 90° angle of cut, and 30 inches (760 mm) at 45° angle of cut.

Maximum backslash height is 4.875 inches (124 mm) from bottom of deck.



OSHA recognized barrier meets ANSI O1.1 safety requirements for woodworking machinery

ROUTER SEQUENCE OF OPERATION

Sure-Grip Handle



Template Window



Router Template



Rotating Pin



Router Assembly



Finished Product



QUALITY COMPONENTS

Evans Midwest Cutting Stations are fabricated, welded, machined, assembled and tested at Evans Midwest 45,000 square foot manufacturing facility located in Minneapolis, Minnesota using the latest in machining and fabrication equipment technology.

This allows Midwest to control the entire process from ordering raw materials to shipping the machines ensuring the highest quality standards are met.



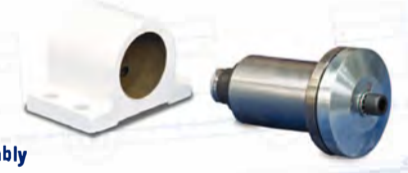
King Pin & Bearing Assembly

Large diameter king pin and precision bearing mounted in machined pocket ensures stability as it rotates on the lower frame



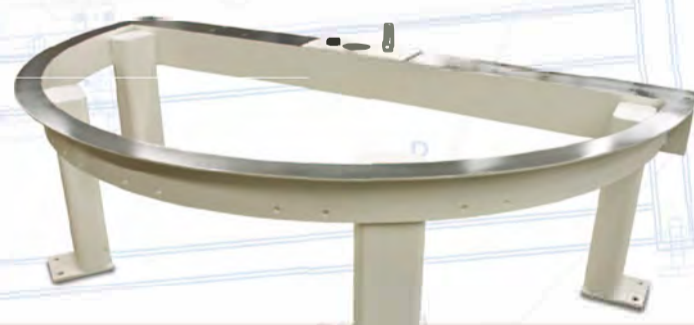
Saw Carriage

Mounted on turned, ground and polished rails and bronze bearings for years of dependable service



Arbor Assembly

Heavy-duty arbor assembly with two (2) precision ball bearings supported by a machined cast iron housing, pre-assembled and bench tested to ensure vibration-free operation



Lower Frame Weldment

Top surface machined flat to +/- .005 for smooth operation



Mazak® CNC Vertical Mill

Upper and lower frames are machined in single set up to maintain the highest tolerances



Rear Fence

Front edges machined straight to +/- .0025 to ensure cutting accuracy

MODEL CS XL / XLT CUTTING STATIONS with Special Wheel Conveyors

Model CS XL Cutting Station

The CS XL Signature™ Cutting Station is our most popular saw and is designed for fabricating a wide variety of kitchen countertop and vanity sizes. The CS XL has an overall cutting length of 53.5 inches (1360 mm) at 90° angle of cut, and 37.5 inches (950 mm) at 45° angle of cut.

Maximum backslash height is 4.875 inches (124 mm) from bottom of deck.

Benefits of Midwest Cutting Stations include:

- Precision Results
- Unparalleled Dependability & Service
- Best Resale Values in the Industry

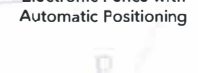
ACCESSORIES

Standard Conveyor



TigerStop

Electronic Fence with Automatic Positioning



Laser Guide



Dust Manifold Kit



Variable Miter



Backsplash Clamp



Support Rings



Dust Enclosure Kit



ACCESSORIES

Flip-Over Stop



Heavy Duty Roller Conveyor



Model CS XLT Cutting Station

The CS XLT Signature™ Cutting Station is the same size as the CS XL with an increased cutting height using a 20 inch (508 mm) diameter saw blade.

This reduces the overall cutting length to 50 inches (1290 mm) at 90° angle of cut, and 36 inches (915 mm) at 45° angle of cut, but increases the maximum backslash height to 6.875 inches (172 mm) from bottom of deck

Same Standard Features as offered on model CS X Cutting Station.