



CS-XL COUNTERTOP SAW



The Evans Midwest CS-XL Cutting Station Postforming Saw combines both the miter cut and draw bolt mortises into one simple operation and cuts any combination of angle or straight cuts on selfedge, postformed, coved, or solid surface countertops. Extremely flexible, the CS-XL Cutting Station will increase production, improve quality, cut costs and reduce scrap.

One person can operate the miter saw and mortising routers easily with very little training.

Standard Features

- Pivoting upper frame with five (5) fixed stops at 22.5°, 45° and 90° positions
- Pneumatic retracted locking pin
- Variable and/or fixed speed forward/reverse drive
- Saw carriage is guided with linear bushings running on hardened and ground rails
- Belt driven saw arbor with dual ball bearings
- Routing system with four (4) router motors, dust shields, guiding template, template window, rotating pin, operator handle and safety interlock
- (2) adjustable pneumatic hold-down clamps per side
- (3) dust collection hook-ups
- Standard fence
- Plexiglass shield
- Low profile control panel
- End guards with safety interlocks
- Carbide tip saw blade
- (4) carbide tip router bits
- Emergency stop

Optional Equipment

- Infeed/Outfeed conveyor systems
- Standard fence extensions
- Special fences with flip-over or electronic stops
- Laser guideline kit
- Variable miter kit with digital display
- Pneumatic brake kit
- Pneumatic backslash clamps
- Dust enclosure and dust collection systems
- 5th router motor kit
- 2 Hand controls and electronic motor brake
- Single phase convertor
- CE approved kit

616.546.8225 — sales@evansmidwest.com — evansmidwest.com



PROUDLY MANUFACTURED AT:
11441 E. Lakewood Blvd
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CUTTING STATION POSTFORMING SAWS — PERFORMANCE DATA AND SPECIFICATIONS

| MAXIMUM CUTTING LENGTH @ .75 Inches Thick | English | Metric |
|--|-------------|-------------|
| 90° | 53.5 IN | 1360 MM |
| 22 1/2° | 49.5 IN | 1255 M |
| 45° | 37.5 IN | 950 MM |
| MAXIMUM CUTTING HEIGHT | English | Metric |
| with builddown | 5 5/8 IN | 143 MM |
| without builddown | 4 7/8 IN | 124 MM |
| MAXIMUM BUILD DOWN | English | Metric |
| thickness | 3/4 IN | 19 MM |
| MAXIMUM BACKSPASH HEIGHT | English | Metric |
| From Bottom Of Deck | 4 7/8 IN | 124 MM |
| MAXIMUM BOARD LENGTH | English | Metric |
| @ 90° | 12 IN | 305 MM |
| MITER CUT FIXED POSITIONS | English | Metric |
| | 90° | 90° |
| | 45° R&L | 45° R&L |
| | 22 1/2° R&L | 22 1/2° R&L |
| MAIN SAW CARRIAGE | English | Metric |
| Saw Blade Diameter | 16 IN | 406 MM |
| Saw Blade Kerf | .187 IN | 4.7 MM |
| Saw Blade Teeth | 100 EA | 120 EA |
| Saw Blade Speed | 3400 RPM | 3400 RPM |
| Saw Motor (TEFC) | 5 HP | 3.7 KW |
| Saw Arbor Diameter | 1 IN | 25 MM |
| Drive Motor | 1/2 HP | .74 KW |
| Feed Speed (FPM/MPM) | 0-45 FPM | 0-15 MPM |
| MORTISING SYSTEM | English | Metric |
| Number of Stations | 4 EA | 4 EA |
| Router Motors | 1 3/4 HP | 1.2 KW |
| Router Speed | 25,000 RPM | 25,000 RPM |
| Router Bit Diameter | 1/2 IN | 12.5 MM |
| Router Bit Length | 2 1/4 IN | 57 MM |

| DRAW BOLT LENGTH | English | Metric |
|--------------------------------------|--|--|
| Standard | 3 1/2 IN | 89 MM |
| Optional | 4 IN | 102 MM |
| HOLD DOWN CLAMPS PER SIDE | English | Metric |
| | 2 EA | 2 EA |
| EXTERNAL AIR REQUIREMENT @ 80 psl | English | Metric |
| | 1 CFM | .03 CMM |
| DUST COLLECTION HOOKUPS | English | Metric |
| | 3 EA | 3 EA |
| DUST COLLECTION DIAMETER | English | Metric |
| | 4 IN | 102 MM |
| CFM @ 4000 FPM | English | Metric |
| | 1050 CFM | 29.7 CMM |
| POWER REQUIREMENTS | English | Metric |
| Standard Voltages | 208/60/3 230/60/3 | 208/60/3 230/60/3 |
| Optional Voltages | 380/50/3 415/50/3 460/60/3 575/60/3 | 380/50/3 415/50/3 460/60/3 575/60/3 |
| POWER CONSUMPTION | English | Metric |
| | 14 KW | 14 KW |
| Full Load Amps @ 230v | 36 AMPS | 36 AMPS |
| MACHINE DIMENSIONS | English | Metric |
| Length | 108 IN | 2743 MM |
| Width w/o conveyors | 73 IN | 1854 MM |
| Height w/o laser | 67 IN | 1700 MM |
| Working Height | 35.5 IN | 902 MM |
| SHIPPING WEIGHT | English | Metric |
| | 2200 LBS | 998 KG |

ENGINEERING DRAWING AVAILABLE ON REQUEST
All specifications are subject to change without notice.

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