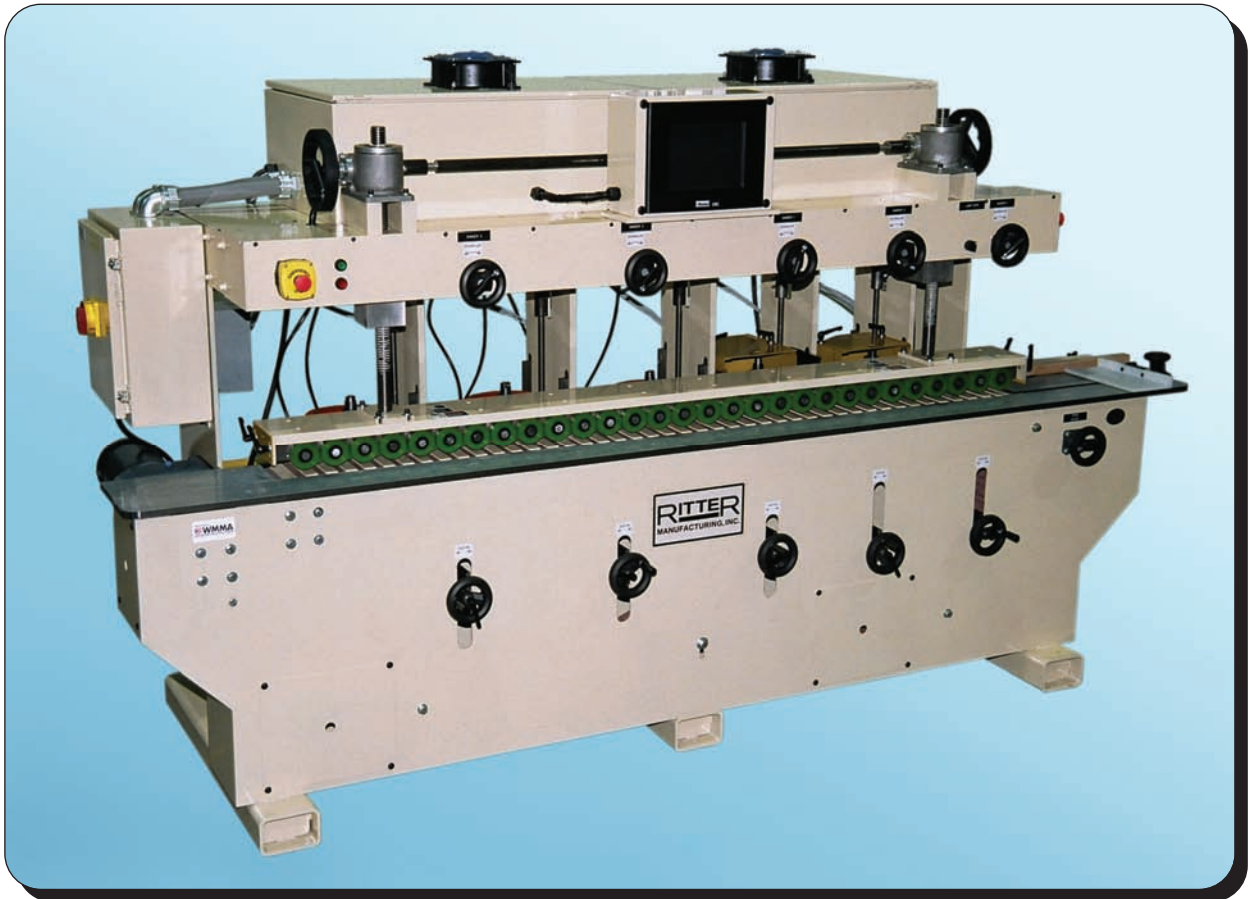


# SHAPE AND SAND SYSTEM WITH PRECISION ELECTRONIC SET-UP



**(5) SPINDLES FOR HIGH VOLUME PRODUCTION  
OF ARCHED RAISED PANEL CABINET DOORS**



# CR369E

# ARCHING SHAPE AND SAND SYSTEM



Precision linear bearing guides on all axis. Direct drive spindles with precision tilting adjustment and digital angular display for rapid set-up. All spindles are stack tooling capable with a selectable laser jump cope of the first spindle as an option. Easy access rear for maintenance. Easy access front side for rapid tooling, set-up changes and operator adjustments. The rear guard barrier has been removed for photo purposes.



Small narrow parts in-feed guide for precision positioning between the feed chain and hold down system helps eliminate rejected parts. Narrow drawer fronts, raised panels and door edge details are easily machined square.



Precision in-feed fence with digital position display for rapid offset changes. Chip breaker fence eliminates raised panel tongue tear out. Angular adjustment insures precision in-feed of material for accurate sizing and squareness of drawer fronts and doors.

## TILTING HOGGING SHAPER STATION:

- (1) 1-1/4" Diameter X 5" Usable Length Spindle
- 4" to 7" Cutter Diameter Capacity
- 10 H.P. Direct Drive Reversing Spindle Motor, T.E.F.C.
- 5,000 to 9,000 Spindle RPM
- Front Spindle Adjustment Station
- AC Inverter Spindle Controller
- Inverter Spindle Brake
- Pneumatic Floating Spindle For Arch Shaping Applications
- Electronic Digital Display Horizontal and Vertical Spindle Adjustment and Positioning
- Electronic Digital Display Spindle Tilt Indicator
- Spindle Tilting 0–30 Degrees, Forward
- Heavy Duty Precision Linear Ways
- 4" Diameter Safety Dust Hood Outlet, 900 CFM Required
- No Tooling Included

## TILTING FINISHING SHAPER STATION:

- (1) 1-1/4" Diameter X 5" Usable Length Spindle
- 4" to 7" Cutter Diameter Capacity
- 10 H.P. Direct Drive Motor, T.E.F.C.
- 5,000 to 9,000 Spindle RPM
- Front Spindle Adjustment Station
- AC Inverter Spindle Controller
- Inverter Spindle Brake
- Pneumatic Floating Spindle For Arch Shaping Applications
- Electronic Digital Display Horizontal and Vertical Spindle Adjustment and Positioning
- Electronic Digital Display Spindle Tilt Indicator
- Spindle Tilting 0–30 Degrees, Forward
- Heavy Duty Precision Linear Ways
- 4" Diameter Safety Dust Hood Outlet, 900 CFM Required
- No Tooling Included

## TILTING SANDING STATIONS:

- (3) 1-1/4" Diameter X 5" Usable Length Spindles
- .0005 Spindle Accuracy
- Front Spindle Adjustment Station
- Tilting 0–30 Degrees, Forward
- (2) 2 H.P. Spindle Drive Baldor Smart Motors, T.E.F.C.
- 400 to 1,800 Spindle RPM
- AC Inverter Spindle Controllers
- Reversing
- Inverter Spindle Brake
- Heavy Duty Precision Linear Ways
- 1/2" Thick Steel Motor Mounting and Tilting Plates
- Electronic Digital Display Horizontal and Vertical Spindle Adjustment and Positioning
- Electronic Digital Display Spindle Tilt Indicator
- Pneumatic Floating Spindles For Arch Sanding Applications
- Adjustable Air-Jet Abrasive Cleaning Devices At Each Spindle
- Air-Jets Activated Only When Feed Chain Track Is On
- 9" Maximum Diameter Sanding Wheel Capacity
- (2) 4" Diameter Dust Hoods, 600 CFM Required Each Hood
- No Tooling Included

# CR369E

# ARCHING SHAPE AND SAND SYSTEM

## CHASSIS:

- 1/4" Thick Steel Base
- Open In Rear For Easy Service Access
- Rear Safety Barrier
- Blow Off Hose Outlet
- Floor Area Required: 130" L X 36" D X 58" H

## CONVEYOR SYSTEM AND FENCE:

- 1 H.P. Feed Drive Baldor Smart Motor
- Extra Heavy Duty Gear Box On Feed Track
- Molded Pads On Feed Chain Track – Easy To Clean – Do Not Pull Off
- 4–40 Feet Per Minute Speed Range
- 6" Wide Heavy Duty Feed Chain Track With 1-1/2" Diameter Drive Shafts
- 5/8" Thick X 11" Wide Table Width With Replaceable UHMW Surface
- Dual Hold Down Height Adjustment Hand Wheels
- Dual 1-1/2" Acme Lead Screw Jack Hold Down Carriage Height Control
- (4) Staggered Rows Of Precision Ground Hold Down Wheels
- 3" Maximum Work Piece Height
- In-Feed Safety Plate
- Cast Iron Adjustable Squaring Guide With Small Parts Operator In-Feed Safety Guide
- Adjustable Precision In-Feed Squaring Fence
- "Chip" Style In-Feed Fence With Electronic Digital Offset Position Indicator

## MACHINE CONTROLS:

- Touch Screen Spindle and Feed Control Displays Cabinet Mounted
- Front Side Spindle Raise/Lower and In/Out Hand Wheels
- Rear Side Spindle Tilt Hand Wheels
- Digital Displays For All Spindle and Fence Position Settings
- NEMA 12 Inverter Enclosure
- Disconnect Switch With Lock Out/Tag Out
- Wired 3-Phase, 230 Volts, 50-60 Hz.
- Crate Dimensions: 140" L X 48" D X 72" H
- Weight: 3850 lbs.

## OPTIONAL FEATURES:

- 3-Phase, 380/440 Volt Electronics, 50-60 Hz.
- Selectable Laser Jump Cope Of Hogging Shaper Spindle (JC)
- Front Side Sound Enclosure
- Non-Arching Version (CR368E)
- HSK F63 Shaper and Sander Spindles
- 11-Axis CNC Assisted Set-Up
- Machine Set-Up and Operator Training

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