

# RITTER<sup>®</sup>

MACHINERY COMPANY

---

AMERICAN CRAFTED WOODWORKING MACHINERY

---

# FACE FRAME TABLES



R210EA



R250EA

Ritter's heavy duty Face Frame tables ensure flush and tight joint construction is provided for all types of wood. Screwed together face frame construction provides the most efficient and economical method of joining frames. The elimination of dowel boring and insertion, clamping time and joint misalignment can provide up to 50% time reduction in frame production.

## **R210EA - Face Frame Assembly Easel**

### **Features**

- 5' x 12' Assembly Table
- 1" Thick Formica Surfaced Table
- Hold Down Beam with 5 Adjustable Hold Down Cylinders
- 45 Degree Vertical Easel
- Squaring Bars on Right, Left, and Bottom Sides
- Open Back for Taller Frames
- Heavy Duty Steel Frame

### **Additional Options**

- R200EA - 5'x12' Face Frame Table with 5 Clamping Cylinders
- R215EA - 5'x8' Face Frame Table with 3 Clamping Cylinders
- Available with Additional Arms (R200A)

## **R250EA - Framemaster Face Frame & Door Assembly System**

### **Features**

- 6' x 12' Assembly Table
- Hold Down Beam with 5 Adjustable Hold Down Cylinders
- (10) 3" Clamping Cylinders (U300E05)
- Foot Treadle
- (4) Material Hold Down Dogs
- (3) Adjustable Material Positioning Stops

### **Additional Options**

- Available with Additional Arms (R250A)
- R275EA - 4'x8' Mini Framer Frame Assembly Table with 4 Door Clamping Cylinders and 3 Frame Clamping Cylinders

# DOOR CLAMPING TABLES



R450V

Our famous, heavy duty door assembly tables are the industry standard and are great for any size of operation. These machines feature customized AC-20 clamping cylinders that are built to put the pressure at the perfect location for any size of cabinet door. Customize these machines to fit your production methods today.

## R300V - Raised Panel Door Clamping System

### Features

- 6' x 12' Assembly Easel
- (10) 3" Clamping Cylinders (U300E05)
- Heavy Duty Foot Treadle
- (4) Material Hold Down Dogs
- (3) Adjustable Material Positioning Stops
- Squaring Bars on Right and Left Sides
- 2" Cylinder Position Grid Pattern
- 3" Bore Clamp Cylinder Housing
- Perforated Steel Table

### Additional Options

- R300H - Horizontal Clamping Table
- Customized Sizes

## R375V - Raised Panel Door Clamping System

### Features

- 4' x 8' Vertical Assembly Easel
- (6) 3" Clamping Cylinders (U300E05)
- Heavy Duty Foot Treadle
- Squaring Bars on Right and Left Sides
- 2" Cylinder Position Grid Pattern
- 3" Bore Clamp Cylinder Housing
- Perforated Steel Table

### Additional Options

- R375H - Horizontal Clamping Table

## R450V - Raised Panel Door Clamping System

### Features

- 3' x 6' Vertical Assembly Easel
- (4) 3" Clamping Cylinders (U300E05)
- Foot Treadle
- 45 Degree Vertical Easel
- Squaring Bars on Right and Left Sides
- 2" Cylinder Position Grid Pattern
- 3" Bore Clamp Cylinder Housing
- Perforated Steel Table

### Additional Options

- R450H - Horizontal Clamping Table



# POCKET HOLE MACHINES



R220T/R200T

Designed to allow for screw assembly of face frames. Heavy duty boring head allows for continuous use. Ideal for custom frame production. The fast cycle time allows for quick, efficient production and leads to accurate assembly.

#### **R220T - Double Spindle Counterbore Tub Features**

- 1.5 HP Spindle Drive Motor
- 1" Spindle Centers
- Foot Actuated Automatic Boring Cycle
- Tooling included
- 14 Degree Double Spindle
- 6,100 RPM Spindle Speed
- 24" X 30" Table Area
- (2) Adjustable Fence Stops
- Wired Single Phase, 120 V, 60 Hz

#### **R200T - Single Spindle Counterbore Tub Features**

- 1.5 HP Spindle Drive Motor
- Single Spindle
- Foot Actuated Automatic Boring Cycle
- Tooling included
- 14 Degree Double Spindle
- 6,100 RPM Spindle Speed
- 24" X 30" Table Area
- (2) Adjustable Fence Stops
- Wired Single Phase, 120 V, 60 Hz

# ✦ HORIZONTAL BORERS ✦



R823



R8023/R8043

Our robust horizontal borers are known for being workhorse in the shop. They are built for continuous use drilling stiles and rails. In addition, these borers are extremely flexible machines that can be used for furniture, doweling, and line boring.

### **R132 - Triple Spindle Borer on 32mm Centers** **Features**

- Triple Spindle Gear Head
- 32mm Spindle Centers
- 7/16-14 Female Threaded Collets (2) L/H (1) R/H
- 3/4 HP Spindle Drive Motor, TEFC
- 0-2" Adjustable Boring Depth
- 8" X 20" Work Table Area
- (4) Material Positioning Stops
- Foot Actuated Boring Cycle
- Wired 1-Phase 120 Volt, 60 Hz.
- Tooling Not Included

### **Additional Options**

- R131 - Triple Spindle Borer on 1" Centers
- R130 - Single Spindle Borer

### **R8043 - Adjustable Width 4 Spindle Horizontal Borer** **Features**

- (2) 1 HP Spindle Drive Motors
- Right Angle Tee Fence Set
- (2) Double Spindle Gear Head
- 1" Spindle Centers On Gear Head
- 1-1/4"-11" Adjustable Spindle Centers
- 7/16-14 R/H Female Threaded Collets
- 0-3" Adjustable Boring Depth
- 0-2" Spindle Height Adjustment
- 36" Fixed Work Table Height
- 12" X 24" Machined Steel Work Table
- 2" Bore Clamping Cylinders
- (2) End Boring T-Fences
- Foot Pedal Actuated Boring Cycle
- Wired 3-Phase 240 Volt, 60 Hz.
- Tooling Not Included

### **Additional Options**

- R8023 - Adjustable Width 2 Spindle Horizontal Borer

### **R823 - 23 Spindle Horizontal Boring Machine** **Features**

- 23-Horizontal Gear Driven Spindles
- 32mm Spindle Centers
- 10 mm Bored Collets
- (12) Right Hand, (11) Left Hand
- 3,450 Spindle Rpm
- 3 HP Spindle Drive Motor, TEFC
- 0-2" Adjustable Boring Depth
- 20" X 42" Precision Ground Table
- Back Fence Lip
- (2) End Boring Fences
- (1) 5-Ton Carriage Adjusting Jack
- (4) 2.00" Bore Clamping Cylinder
- Foot Pedal Actuated Boring Cycle
- Wired 3-Phase 240/480 Volt, 60 Hz.
- Tooling Not Included



# ◀ LINE BORERS ▶



R46



R19



R113

Our time tested Line Boring machines bring consistency to every line drilling operation. We have solutions that fit small shops to high production environments.

## **R46 - 46 Spindle Double Row Line Drill**

### **Features**

- (2) 3 HP Spindle Drive Motors, TEFC
- (2) 23-Vertical Gear Driven Spindle Rows
- 32mm Spindle Centers
- 10mm Bored Collets
- (24) Right Hand, (22) Left Hand
- 4"-22" Centers Between Rows
- Digital Readout Front Head Position Display
- Precision Linear Head Ways
- (3) Quick Set Drill Head Position Stops
- Rear Drill Row Nesting
- 48" Back Fence with (2) Stops
- (2) Air Index Pins
- (2) Position Drill Depth Stop Turret
- 30" X 48" Work Table Surface
- 3-Phase 240/480 Volt, 60 Hz.
- Foot Actuated Automatic Boring Cycle
- Tooling Not Included

## **R19F1 - 23 Spindle Single Row Line Drill**

### **Features**

- 23-Spindle Drill Head
- Gear Driven Spindles on 32mm Centers
- Index Pins
- 2 HP Spindle Drive Motor, TEFC
- 10mm Bored Collets
- (12) Right Hand, (11) Left Hand
- 12" Throat Depth
- 60" Back Fence With (4) Stops
- 24" X 48" Work Table Surface
- (2) Spring Operated Hold Downs
- Wired 1-Phase 240 Volt, 60 Hz.
- Pneumatic Driven Boring Cycle
- Tooling Not Included

### **Additional Options**

- Option for 3 Phase (R19F3)

## **R113 - 13 Spindle Single Row Line Drill**

### **Features**

- 13-Spindle Manual Line Drill
- 3/4 HP Spindle Drive Motor, TEFC
- 60" Back Fence Assembly
- (1) 13-Vertical Gear Driven Spindle Rows
- 10mm Bored Collets
- (7) Right Hand, (6) Left Hand
- (2) Index Pins
- 20" X 48" Work Table Surface
- Wired 1-Phase 120 Volt, 60 Hz.
- Manually Actuated Boring Cycle
- Tooling Not Included

**NOTE:** High Production CNC Boring Machines Available! Ask for details.

# ✦ SANDERS ✦



R701



R901



R921/258

The Ritter Edge Sanders are the standard for heavy duty sanding machinery. As the only American Made Edge Sanders on the market, we strive to produce a machine worthy of any cabinet shop in the country.

## **R701 - 4" Double Sided Horizontal Edge Belt Sander**

### **Features**

- 1-1/2 HP Abrasive Belt Drive Motor, TEFC
- 4" X 132" Abrasive Belt Size
- (2) 4" X 49" Ground Steel Platens
- (2) Bias Tilting 12" X 65" Worktables
- End Sanding Unit with 3" X 3" Drum
- (2) 4" Diameter Dust Hoods
- Wired 1-Phase 240 Volt, 60 Hz.

### **Additional Options:**

- R703 - Option for 3 Phase

## **R721 - 4" Single Sided Horizontal Edge Belt Sander**

### **Features**

- 1.5 HP Abrasive Belt Drive Motor, TEFC
- 4" X 132" Abrasive Belt Size
- Single 4" X 49" Flat Steel Platens
- Bias Tilting 12" X 65" Worktable
- 4" Diameter Dust Hoods
- Wired 1-Phase 240 Volt, 60 Hz.

### **Additional Options:**

- R723 - Option for 3 Phase

## **R901 - 6" Double Sided Horizontal Edge Belt Sander**

### **Features**

- 3 HP Abrasive Belt Drive Motor, TEFC
- 6" X 132" Abrasive Belt Size
- (2) 6" X 49" Ground Steel Platens
- (2) Bias Tilting 12" X 65" Worktables
- End Sanding Unit with 3" X 3" Drum
- (2) 4" Diameter Dust Hoods
- Wired 1-Phase 240 Volt, 60 Hz.

### **Additional Options:**

- R903 - Option for 3 Phase

## **R921 - 6" Single Sided Horizontal Edge Belt Sander**

### **Features**

- 3 HP Abrasive Belt Drive Motor, TEFC
- 6" X 132" Abrasive Belt Size
- Single 6" X 49" Ground Steel Platens
- Bias Tilting 12" X 65" Worktable
- 4" Diameter Dust Hoods
- Wired 1-Phase 240 Volt, 60 Hz.

### **Additional Options:**

- R923 - Option for 3 Phase

## **R258 - 8" Oscillating Edge Belt Sander**

### **Features**

- 7.5 HP Abrasive Belt Drive Motor, TEFC
- HP Oscillating Drive Motor
- 8" X 144" Abrasive Belt Size
- 10" X 56" Phenolic Platen
- 6-Way Adjusting Front Table
- Steel Tilting End Table
- Raising and Lowering Device
- Form Block/Dead Head Combination
- Air-Jet Belt Cleaning Device
- Swing Away Safety Dust Hood
- 6-Way Adjusting Front Table
- Wired 3-Phase 240 Volt, 60 Hz.

### **Additional Options:**

- R25814 - 14" Drawer Box Sander
- R933 - 6" Oscillating





11441 E. LAKEWOOD BLVD.  
HOLLAND, MI 49424



For more than 40 years, Ritter Machinery Company (Ritter) has been a name synonymous with American crafted industrial woodworking machinery. Ritter has earned a reputation of reliability, dependability and excellent customer service. Ritter's signature products are heavy, ruggedly built and user-friendly machinery. Today, Ritter is a recognized worldwide in the woodworking industry and is one of America's leading woodworking machinery manufacturers.

Ritter has a long history of serving the woodworking industry and we continually strive to offer the best machinery products for our craftsmen and cabinet shops. Please contact us today to help you with your woodworking machinery needs.

616.546.8225 | [RitterMachineryCompany.com](http://RitterMachineryCompany.com)