The Stair-Rout™ Model 40 is a fourth generation machine which uses CNC technology to automatically cut rise, run and advance the board.

Simple screen display asks operator for rise, run and number of rise. No programming is required. Machine continuously checks for operator entry errors. Enter in fraction or decimal.

After cutting, the operator has a default choice of repeating rise, run and number of rise or changing one or more selections.

**FEATURES**

- High speed automatic stringer routing
- Operator choice of repeat or change
- Standard Box Step Rout with Round Nose¹
- Automatic rise, run cutting and board advancement
- Full cutting power — two 5.5 HP motors
- High frequency motors for clean cuts (vary speed solid state drives)
- Minimal operator training required
- Screen display shows scale picture of step
- Heavy duty steel construction
- No programming required
- Stringer 6” to 14” by 5/4” to 2 1/2” (Double or single stringers)

**OPERATOR SELECTIONS**

(Repeat or Change)

<table>
<thead>
<tr>
<th>Basic Operator</th>
<th>Advanced Operator</th>
<th>Supervisor (Password Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rise</td>
<td>Nose Width</td>
<td>Speeds</td>
</tr>
<tr>
<td>Run</td>
<td>Nose to Fence</td>
<td>Feeds</td>
</tr>
<tr>
<td>Number of Rise</td>
<td>Pocket Length</td>
<td>Precision Adjustments</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>Riser Thickness</td>
<td>Component Operations</td>
</tr>
<tr>
<td>Type of Rout</td>
<td>Rise Wedge Angle</td>
<td>Password Changes</td>
</tr>
<tr>
<td>Tread Thickness</td>
<td>Run Wedge Angle</td>
<td>Statistics</td>
</tr>
<tr>
<td>Nose Length</td>
<td>Tread Clearance</td>
<td></td>
</tr>
<tr>
<td>Stringer Width</td>
<td>Riser Clearance</td>
<td></td>
</tr>
<tr>
<td>Tool Diameter</td>
<td>Top Riser</td>
<td></td>
</tr>
<tr>
<td>Tread Cleanout</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**AVAILABLE OPTIONS**

- Standard Rout with Blunt Nose
- Pocket Rout
- Pocket Rout with Blunt Nose
- Back Rout
- Back Rout with Blunt Nose
- Slant Riser
- Center Open Horse
- No Top Riser
- Back Rout With Wedge
- No Top Nose
- Eyebrow Nosing
- Open Stringers w/45 Riser Cuts

**SPECIFICATIONS**

- Footprint w/o Overhang: 54” x 61”
- Height: 68”
- Weight: 3500 lbs
- Motor Power Required: 208-220VAC 3PH 30A
- Control Power Required: 115VAC 1PH 15A
- Air Required: 80 psi clean and dry
- Tool Shank Capacity: ½” Diameter

Cordes Machine Division
Remington Industries, Inc.
Leaders In Stair Machinery
Mountainside, NJ USA
www.StairEquipment.com
(908) 233-2600

Made in the U.S.A.
The **Wedgit™ Model 30** uses PLC technology to automatically cut wedges which fit your stairs. Third generation machine.

**Simple operation requires minimal training.**

**Load supply hopper**

**Press Run button**

**Machine will then cut wedges automatically and continuously consuming entire boards.**

**Machine can be adjusted for wedge length, wedge angle and wedge thickness.**

**Add boards to supply hopper without stopping the machine or interrupting operation.**

### FEATURES

- Minimal operator training
- Runs unattended
- PLC control
- Pneumatic Power
- High speed automatic cutting
- Does not require programming
- Standard 10" blade capacity
- Heavy duty steel construction
- Wedge length 6" to 11"
- Operator choice of wedge angle
- Operator choice of wedge length
- Operator choice of wedge thickness

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Footprint w/o Overhang</td>
<td>33&quot; x 47&quot;</td>
</tr>
<tr>
<td>Height w/cover down</td>
<td>58&quot;</td>
</tr>
<tr>
<td>Weight</td>
<td>500 lbs</td>
</tr>
<tr>
<td>Motor Power Required</td>
<td>220VAC 3PH 10A</td>
</tr>
<tr>
<td>Control Power Required</td>
<td>115VAC 1PH</td>
</tr>
<tr>
<td>Air Required</td>
<td>80 psi clean and dry</td>
</tr>
<tr>
<td>Saw Blade Capacity</td>
<td>10&quot; dia x 5/8 hole</td>
</tr>
</tbody>
</table>

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Mountainside, NJ USA

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**MADE IN THE U.S.A.**
The Kerf-It™ Model 10 uses PLC technology to automatically cut saw blade width cuts in riser boards for \( \frac{1}{4} \) round and \( \frac{1}{2} \) round bull nose risers.

Simple operation requires minimal training.

Load riser board
Set end of board stop
Press Run button

Machine will then cut notches automatically and continuously until board reaches end of board stop.

After cutting, the operator has a default choice of repeating pitch, depth and board length or changing selections.

**FEATURES**

- Minimal operator training
- Runs unattended
- PLC control with pneumatic power
- Full 2 HP cutting power
- High speed automatic cutting
- Does not require programming
- Standard 10" blade capacity
- Heavy duty steel construction
- Riser capacity 4" to 12" by \( \frac{1}{4} \)" to 1\( \frac{1}{2} \)"
- Operator choice of cut depth
- Operator choice of cut spacing
- Operator choice of board length
- Excellent clamping ability
- Bend any wood to any radius or curves

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Footprint w/o Overhang</td>
<td>33&quot; x 36&quot;</td>
</tr>
<tr>
<td>Footprint w/options &amp; overhang</td>
<td>45&quot; x 85&quot;</td>
</tr>
<tr>
<td>Height w/cover down</td>
<td>41&quot;</td>
</tr>
<tr>
<td>Weight</td>
<td>600 lbs.</td>
</tr>
<tr>
<td>Motor Power Required</td>
<td>220VAC 3PH 10A</td>
</tr>
<tr>
<td>Control Power Required</td>
<td>115VAC 1PH</td>
</tr>
<tr>
<td>Air Required</td>
<td>80 psi clean and dry</td>
</tr>
<tr>
<td>Saw Blade Capacity</td>
<td>10&quot; dia x 5/8&quot; hole</td>
</tr>
</tbody>
</table>

**OPTIONS**

- Wings
- Leveling Pads
The Stair-Clamp™ is the roughest and toughest yet most precision stair clamp available anywhere.

**SIMPLE OPERATION**

1. Operate knob to set desired opening.
2. Load stringers, risers & treads and again operate knob to automatically lock clamp.
3. Complete stair assembly with choice of glue, wedges, nails, screws, etc.
4. Operate knob again to open clamp and slide out finished stair.

**FEATURES**

- Super heavy duty steel construction
- Operator choice of stair width
- Standard box step squared accurately
- Rigid and square clamp arms
- Full clamping power on every step
- Completely pneumatic
- Minimal operator training required
- Easy to read scale for width opening
- Rugged flip up squaring stops (no loose pieces)
- No hand adjustments required
- Stringer lengths unlimited
- Multiple stair assembly stops
- Lifetime Construction

**DESIGN ADVANTAGES**

Positive clamping (will not move when wedges are driven in).
Maintain parallel stringers from end to end and top to bottom.
Infinite width control with pneumatic control knob only.
Every stair comes out square and true end to end.
Adjustable work height.
No extra clamps needed - ever.
Large clamping range (33” - 53”).
Slide completed steps out of either end.
Clamp two sets of short stairs simultaneously (same width).

<table>
<thead>
<tr>
<th>AVAILABLE OPTIONS</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>12’ Stair Clamp Length</td>
<td>Footprint w/o Overhang (Model 12)</td>
</tr>
<tr>
<td>14’ Stair Clamp Length</td>
<td>45” x 144”</td>
</tr>
<tr>
<td>16’ Stair Clamp Length</td>
<td>Height (Minimum Overall)</td>
</tr>
<tr>
<td>Custom Lengths</td>
<td>45”</td>
</tr>
<tr>
<td>Full Pressure Indicator</td>
<td>Weight (Model 12)</td>
</tr>
<tr>
<td>Extreme Working Height</td>
<td>4500 lbs</td>
</tr>
<tr>
<td></td>
<td>Working Height (Adjustable)</td>
</tr>
<tr>
<td></td>
<td>24” - 29”</td>
</tr>
<tr>
<td></td>
<td>Air Required</td>
</tr>
<tr>
<td></td>
<td>80 psi clean and dry</td>
</tr>
<tr>
<td></td>
<td>Stringer Support Rail Width</td>
</tr>
<tr>
<td></td>
<td>4” each side</td>
</tr>
</tbody>
</table>

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MADE IN THE U.S.A.
FULLY AUTOMATIC
TREAD RETURN SAW
3 - BLADE STAIR TREAD RETURN SAW
FOR CUTTING STAIR TREADS FOR MATING WITH RETURNS

The Tread-Saw™ Model 20 is a second generation machine which uses triple blade technology to automatically cut stair treads for mating with returns.

Simple operator controls allows for fast and accurate cuts every time.

Insert board up to a hard stop. Press the “cycle” button. Machine automatically clamps and cuts the board. After cutting, the clamps are released and the operator can remove the board.

FEATURES
• High speed saw blade motors
• Triple blade design
• Standard left & right configuration
• Automatic sequencing for clamping, cutting and releasing the board
• Full cutting power from direct drive motors
• Vary speed solid state drives
• Minimal operator training required
• Hard stops for board placement
• Heavy duty steel construction
• No programming required
• Treads 6” to 14” by 1/2” to 1 1/4” any length

DESIGN ADVANTAGES
Positive clamping (will not move during cuts).
Hard stops for board end and board edge.
Infinite cut locations for specific stair designs.
Every board cuts true and square every time.
Simple operator controls (Power and Cycle).
Open table design accommodates cuts for retreads.
One cut for either left hand or right hand treads.
Easy loading and unloading of material by operator.
Compact footprint for small locations.
Simple head adjustments to accommodate blade sharpening.

CUT RETREADS EASILY

SPECIFICATIONS
Footprint w/o Overhang 43” x 34”
Height 103”
Weight 1500 lbs
Motor Power Required 208-220VAC 3PH 30A
Control Power Required 115VAC 1PH 15A
Air Required 80 psi clean and dry
Blade Size 8”, 10” & 14” Diameters

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FROM THIS
TO THIS IN SECONDS
The Panel Clamp-It™ is the roughest and toughest yet most precise panel clamp available.

**SIMPLE OPERATION**
1. Operate dual knobs to open clamp.
2. Load boards, add glue as you go.
3. Operate dual knobs to automatically lock clamp.
4. Complete panel assembly with pipe clamps as needed.
5. Operate dual knobs to open clamp and slide out finished panel for glue drying.

**FEATURES**
- Super heavy duty steel construction
- Operator choice of panel width
- Standard panels squared accurately
- Rigid and square clamp arms
- Full clamping power on every panel
- Completely pneumatic
- Minimal operator training required
- Easy to load and unload
- Rugged squaring stops (no loose pieces)
- No hand adjustments required
- Available widths unlimited
- Multiple clamping stations for flexibility
- Lifetime Construction

**AVAILABLE OPTIONS**
- 24" Deep x 4' Wide (shown above)
- 24" Deep x 6' Wide
- 24" Deep x 8' Wide
- Custom Depths and Widths
- Pipe Clamps With Pipe
- Casters For Mobility In Small Shops

**DESIGN ADVANTAGES**
- Positive clamping (will not move when pipe clamps are on).
- Maintain flat panels from end to end and side to side.
- Standard widths available.
- Every panel comes out square and true.
- Adjustable work height (without casters).
- No extra man power or hammers needed - ever.
- Large clamping range (24" x 4').
- Slide completed panels out easily.
- Clamp up to 3-1/4" thick panels.

**SPECIFICATIONS**
- Footprint w/o Overhang (Model 244) 43"w x 28"d
- Height (Minimum Overall) 54"
- Weight (Model 244) 800 lbs
- Working Height (Adjustable) 34" - 38"
- Air Required 80 psi clean and dry
- Clamp Support Rail Width 1" each station

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Leaders In Stair Machinery
269 Sheffield Street  Mountainside, NJ  07092
WWW.STAIREQUIPMENT.COM
(908) 233-2600
The Stair-Template™ is a simple to use and cost effective solution for routing box stair stringers by hand.

**SIMPLE OPERATION**
1. Layout two rise run lines using the included rise run square.
2. Mark step locations using a pencil.
3. Clamp Stair-Template™ to stringer using the self contained clamping system.

**FEATURES**
- Heavy Duty Construction
- Operator Choice of Rise & Run
- Standard Box Steps Are Consistent
- Self Contained Clamps For Rigid Routing
- One Template For All Your Steps
- Completely Mechanical
- Minimal Operator Training Required
- Reversible For Left & Right Stringers
- Rugged Two Piece Cast Aluminum Body
- Set It And Forget It For Production Jobs
- Unlimited Rise/Run Combinations
- Extreme Sizes Are Easy To Handle
- Designed By Stair Builders Like You

**AVAILABLE OPTIONS**
- 3 1/4 HP Electric Hand Router
- Right Hand Routing Bit
- Tape Measure
- Extension Cord
- Box of No. 2/HB Pencils

**DESIGN ADVANTAGES**
Single Template For Multiple Steps.
Heavy Duty Construction.
Multiple Overhangs To Choose From.
Integrated Clamps Reduces Tools Required.
Rout Consistent Rise/Runs For Box Stairs.
Large Range Of Rise/Run Combinations.
Double Sided For Left Hand And Right Hand Stringers.
One Template Handles All Your Box Stair Construction.

**SPECIFICATIONS**
- Dimensions: 29" x 21"
- Thickness (Body Minimum): 5/8"
- Weight: 32 lbs
- Works With Cutters: 7/8" Dovetail
- Air Required: None
- Electric Required: None (For Template)

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