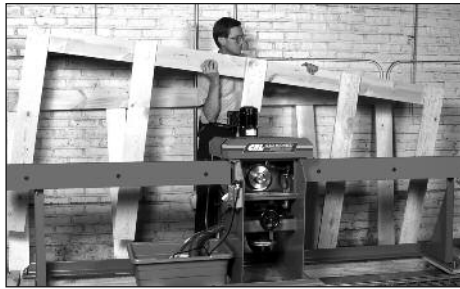


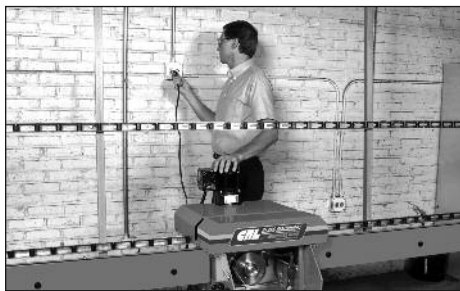
# VE1P Edger Single Spindle Automatic Glass Edging Machine

## Simple A-B-C Set-Up

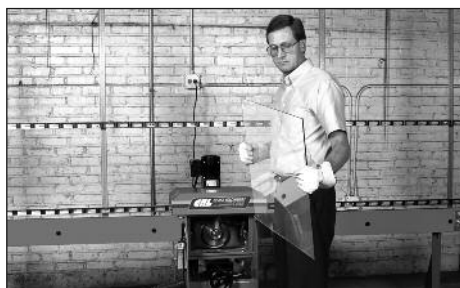
CRL's VE1P is simple to operate. Just push the glass into the roller/belt conveyor to edge the glass. With the VE1P, two wheels can be placed on the spindle, such as a 1/4" (6 mm) Flat with Seams and a 1/2" (12 mm) Pencil, so you can quickly reposition from one wheel size to another.



A. Quick Uncrating



B. Quick Assembly



C. Put it to Work

## VE1P Specifications

### Capacities

Glass Thickness: 1/8" to 1/2" (3 to 12 mm)  
 Minimum Size: 4" tall x 12" long (102 x 305 mm) [edged side must be a minimum of 12" (305 mm) in length].  
 Maximum Glass Weight: 250 lbs. (133 kg)  
 Conveyor Speed: Adjustable from 0 to 66" (0 to 1676 mm) per minute.

### Wheel Station

Spindle: 1HP, 3600 RPM Spindle Motor.  
 Hub has the capacity to hold two wheels simultaneously: 7" (178 mm) Diamond Grinding and 7-1/4" or 8" (184 or 198 mm) Polishing.

### Controls

All electrical controls are located in machine mounted switch boxes. Built to OSHA requirements, utilizing CE, CSA and UL Certified components. Wiring for single phase, 60 cycle, 110V AC power. No power inverters, converters or industrial type electronic sources are needed.

### Utilities

Electrical: Three Motors, Total 1-1/6 HP  
 Voltage: Single Phase, 60 Cycle, 110V AC  
 Power: 13.8 Amps.

For more information on this and other CRL Glass Machinery, please contact CRL Technical Sales at:  
 (800) 421-6144, Ext. 5275, or e-mail [techsales@crlaurence.com](mailto:techsales@crlaurence.com)

### Wheels

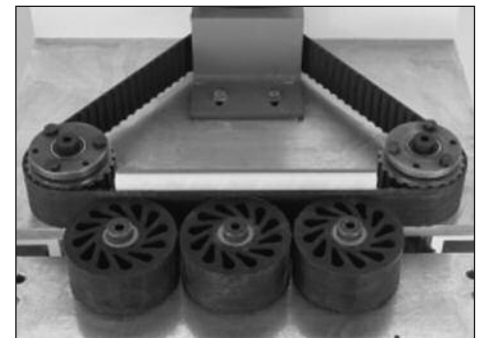
Included Wheels: One 7" (178 mm) diameter Flat Edge and Seam Wheel for 1/8" to 1/4" (3 to 6 mm) glass; one 8" diameter by 3/4" wide (198 x 19 mm) Polishing Wheel. Optional wheels can be ordered to produce flat and seam, miter and pencil edging on glass up to 1/2" (12 mm) thick.

### Weight and Dimensions

Shipping Weight: approximately 1000 lbs. (453.6 kg).  
 Dimensions: 31" wide x 120" long x 81" high (787 x 3048 x 2057 mm).  
 Conveyor Height: 28-1/2" (724 mm).

### Available Options:

Additional Back Roller Rails  
 Adjustable Spindle Stops

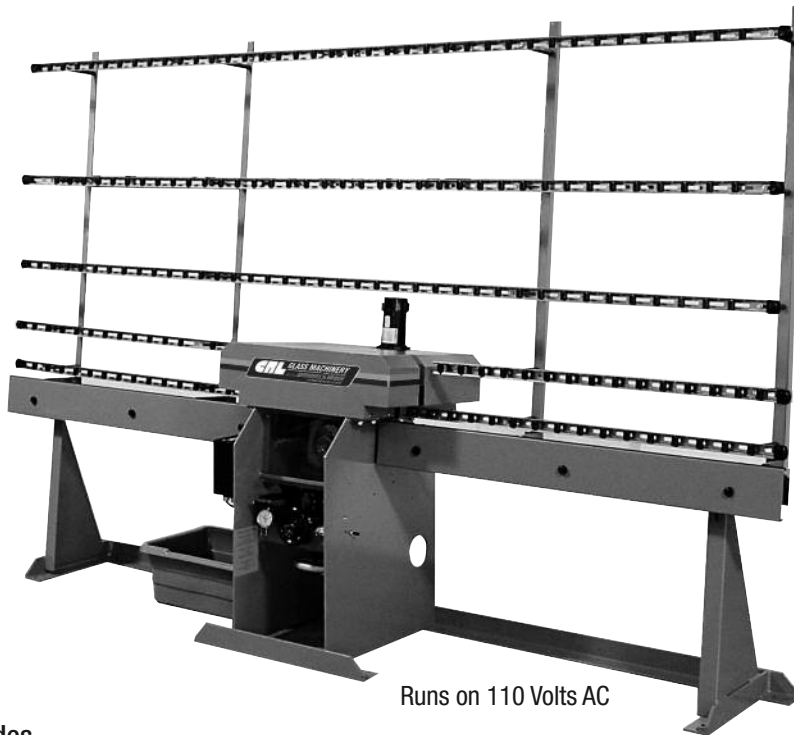


VE1P Conveyor Assembly

## C.R. Laurence Single Spindle Peripheral Edger Wheels

CAT. NO.	DESCRIPTION	DIAMETER	GRIT
VE1P	Single Spindle Edger (Single Phase/110V AC)	--	--
AU11	Single Spindle Edger (Single Phase/220V AC Australia)	--	--
EU11	Single Spindle Edger (Single Phase/220V AC Europe)	--	--
36443213	Pencil Edge Wheel for 1/8" to 1/4" (3 to 6 mm)	7" (178 mm)	140-170
36881012	Pencil Edge Wheel for 3/16" to 3/8" (5 to 10 mm)	7" (178 mm)	140-170
38404909	Pencil Edge Wheel for 1/4" to 1/2" (6 to 12 mm)	7" (178 mm)	140-170
38533510	Flat and Seam Wheel for 1/8" to 1/4" (3 to 6 mm)	7" (178 mm)	140-170
38386909	Flat and Seam Wheel for 3/16" to 3/8" (5 to 12 mm)	7" (178 mm)	140-170
38517503	Flat and Seam Wheel for 1/4" to 1/2" (6 to 12 mm)	7" (178 mm)	140-170
38677802	30 Degree Miter Wheel for 1/8" to 1/2" (3 to 12 mm)	7" (178 mm)	140
39666000	Polish Wheel for 1/8" to 1/2" (3 to 12 mm) Glass	7-1/4" (184 mm)	120
38430304	Grind Wheel Hub	--	--

## VE1P Edger Single Spindle Automatic Glass Edging Machine



Runs on 110 Volts AC

- The Easiest Edger to Set Up and Run
- Edges Glass Up to 66 Inches (1676 mm) per Minute



### Includes

- Edging Machine
- Coolant Tank
- Coolant Pump
- 1 Gallon Diamond Coolant
- Back Rack
- Five Back Rack Support Bars
- Instruction Manual
- One Polishing Wheel
- One 1/8"-1/4" (5 to 6 mm) Diamond Wheel (Flat with Seams)

The CRL VE1P Automatic Diamond Glass Edger is designed and built to provide a simple, reliable method for edging and polishing a variety of thicknesses of glass and mirror for any size shop.

Operation of the VE1P Edger is so easy any of your employees can use it with minimum training. After minor assembly and adjustment, simply plug into a 110V AC power source, turn on the power drive conveyor and wheel motor switches, and you're ready to produce finished work.

The operator places the glass on the infeed conveyor rollers and rolls it towards the diamond wheel, allowing the drive conveyor system to grab the glass. It will then automatically move it over the wheel at a smooth, steady speed of up to 66 inches (1676 mm) per minute. The diamond wheel will produce a Flat Seam ground finish. You can process glass from 1/8" to 1/4"

(3 to 6 mm) with just one wheel. Pencil (Round) Edge and Miter Diamond Wheels are also available.

Changing from grinding to polishing is accomplished by simply turning the selector wheel. After lining up the Polishing Wheel, the glass can be run through again, producing a beautiful polished edge.

The VE1P Edger features precision ground castings and high grade sealed bearings. Most interior parts are resin painted or stainless steel for maximum corrosion resistance. Electrical components are U.L., CE, and CSA approved and meet OSHA requirements. Wheels are available in assorted sizes. The VE1P Edger requires no external floor drains, so positioning it in your shop is quick and easy.

If you would like to see a sample of glass edged by the VE1P, contact CRL Technical Sales at (800) 421-6144, Ext. 5275, or e-mail [CRL@crlaurence.com](mailto:CRL@crlaurence.com).



Pencil Edge



Miter



Flat Seam