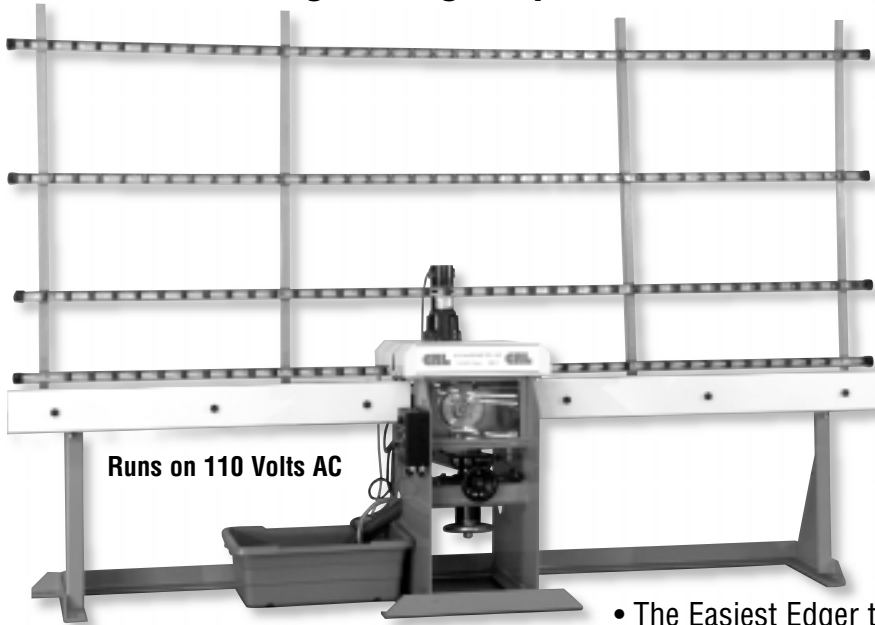


CRL C.R. LAURENCE CO., INC.

PE11 POWR Edger Single Spindle Automatic Glass Edging Machine



- Includes 1/8"-1/4" Diamond Wheel (Flat with Seams) and Polishing Wheel.



- The Easiest Edger to Set Up and Run
- Edges Glass Up to 66 Inches per Minute

Includes

- Grind/Polish Machine
- Machine Stand
- Machine Tank
- Coolant Tank
- Coolant Pump
- 1 Gallon Diamond Coolant
- Back Rack
- 3 Back Rack Support Bars
- Instruction Manual
- One Polishing Wheel
- One 1/8"-1/4" Diamond Wheel (Flat with Seams)

The CRL POWR 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 POWR 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 per minute. The diamond wheel will produce a flat-seamed ground finish. You can process glass from 1/8" to 1/4" 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 POWR 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 POWR 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 PE11, contact CRL Technical Sales at (800) 421-6144, Ext. 777, or e-mail techsales@crlaurence.com.

Pencil Edge



Miter



Flat Seam



AVD3762-6/02



Phone (800) 421-6144 ¥ Fax (800) 262-3299 ¥ www.crlaurence.com

PE11 POWR Edger Single Spindle Automatic Glass Edging Machine

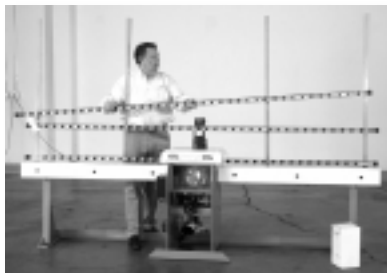
Simple A-B-C Set-Up

CRL's PE11 is simple to operate. Just push the glass into the roller/belt conveyor to edge the glass. With the PE11, two wheels can be placed on the spindle, such as a 1/4" Flat with Seams and a 1/2" Pencil, so you can quickly reposition from one wheel size to another.

A. Quick Uncrating



B. Quick Assembly



C. Put it to Work

PE11 Specifications

Capacities

Glass Thickness: 1/8" to 1/2".
 Minimum Size: 4" tall x 12" long (edged side must be a minimum of 12" in length).
 Maximum Glass Weight: 250 lbs.
 Conveyor Speed: Adjustable from 0 to 66" per Minute.

Wheel Station

Spindle: 1HP, 3600 RPM Spindle Motor.
 Hub has the Capacity to Hold Two Wheels Simultaneously: 7" Diamond Grinding and 7-1/4" or 8" 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.

Wheels

Included Wheels: One 7" diameter Flat Edge and Seam Wheel for 1/8" to 1/4" Glass; One 8" diameter by 3/4" wide Polishing Wheel. Optional Wheels can be ordered to produce flat and seam, miter and pencil edging on glass up to 1/2" thick.

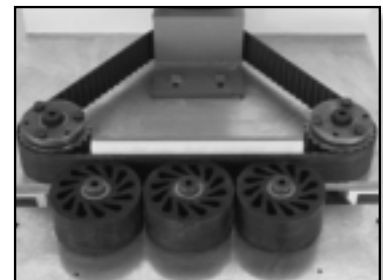
Weight and Dimensions

Shipping Weight: approximately 1000 lbs.
 Dimensions: 31" wide x 120" long x 81" high. Conveyor Height: 28-1/2".

Available Options:

Additional Back Roller Rails
 Adjustable Spindle Stops

For more information on this and other CRL Glass Machinery, please contact CRL Technical Sales at: (800) 421-6144, Ext. 777, or e-mail techsales@crlaurence.com



PE11 Conveyor Assembly

C.R. Laurence Single Spindle Peripheral Edger Wheels

| CAT. NO. | WHEEL TYPE | DIAMETER | GRIT |
|------------|---|----------|-----------|
| PEW1814PE | Pencil Edge for 1/8" to 1/4" Glass | 7" | 140 - 170 |
| PEW31638PE | Pencil Edge for 3/16" to 3/8" Glass | 7" | 140 - 170 |
| PEW1412PE | Pencil Edge for 1/4" to 1/2" Glass | 7" | 140 - 170 |
| PEW1814FE | Flat & Seam Edge for 1/8" to 1/4" Glass | 7" | 140 - 170 |
| PEW31638FE | Flat & Seam Edge for 3/16" to 3/8" Glass | 7" | 140 - 170 |
| PEW1412FE | Flat & Seam Edge for 1/4" to 1/2" Glass | 7" | 140 - 170 |
| PEWPOL | 3/4" width Polishing Wheel for 1/8" to 1/2" Glass | 7 1/4" | 120 |

