

WECO



WECO. Industrial Solutions.

Edge 950





Edge 950.

New High-tech edging solution for the lab.

A professional lab puts the focus on quality, reliability and performance, which are the attributes necessary to produce a high volume of jobs every day. The name WECO is synonymous with these attributes. The new Edge 950 is an advanced process, high volume lens edger that has been specifically designed for industrial use. It can be used as a stand-alone edger with internal memory, or embedded in a multi-machine edging network employing a lab software solution. Low maintenance cost and high productivity ensure a high profit in use.

- > Suitable for all lens materials
- > Suitable for small B-size shapes
- > Designed for three-shift continuous operation
- > Flat and V bevel polishing as standard
- > Expertly engineered to afford low maintenance costs
- > Grooving and chamfering (front and back) as standard
- > 3-D bevel control
- > Typical capacity of 20 jobs per hour

Advanced characteristics

To comply with advanced requirements Edge 950's large grinding chamber is equipped with four grinding wheels, a fully automatic electric drilling device as well as with an universal tool for chamfering and grooving. All functions are available at any time without changing tools or any limitations. The four wheels serve to edge plastics and organics and for different bevel profiles in finishing and polishing. The fast operating electric drilling tool produces drill holes from the front side of the lens. The universal tool is designed to apply safety bevel on the front and rear side of the lens as well as grooving for nylon frames. Many other functions are specifically designed to high volume applications.

- > 4 grinding wheels
- > Integrated drilling device
- > Universal rotary tool for chamfering and grooving

- 1 4 grinding wheels
- 2 Electric drilling device
- 3 Universal tool: grooving
- 4 Universal tool: chamfering front side
- 5 Universal tool: chamfering back side





Fast and precise results

To improve on production times, Edge 950 is equipped with an innovative and precise lens shaft drive system for superior control of axis. Operator can set the grinding force individually for roughing and finishing cycle as well as depending on material and process. The clamping force is also adjustable to ensure highest precision. With all these functions WECOs Edge 950 again sets new standards for industrial applications.

- > Adjustable grinding force
- > Adjustable clamping force

Integrated Drilling

The new Edge 950 can effortlessly produce drill-holes using its fully automatic integrated lens drilling system. Results are highly accurate and fully reproducible, and rimless frame assembly is greatly simplified by the symmetrical drilling of right and left lens. Edging and drilling in only one clamp, employed by the Edge 950 eliminates the complicated and time-consuming process of manual drilling and risky lens-handling is reduced to a minimum. Production within the lab becomes more efficient and profits are increased.

- > Automatic drilling from the front side of the lens
- > High precision processing of drilling data
- > Symmetrical drilling of right and left lens
- > Edging and drilling in one clamp ensures best axis precision
- > Regular holes, blind holes or slots

Universal tool for grooving and chamfering

The Edge 950 is equipped with an electric operated universal grooving and chamfering tool. This tool enables automatic production of rear and front side bevel of lenses. Secondly 3-D guided grooves with variable groove width and depth can be produced in all synthetic materials.

- > Automatic electrical chamfering of all synthetic lens materials
- > Automatic grooving of all synthetic lens materials
- > Fully adjustable groove width and depth



Important configuration and accessories.

Standard Configuration

- > 4 grinding wheels
- > Suitable for all lens materials
- > Flat and V profile polishing
- > Electric Grooving
- > Front and rear chamfering
- > Adjustable grinding force
- > Adjustable clamping force
- > Large water outlet
- > Interface for barcode scanner
- > Foot pedal operation of lens clamping

Options

- > Electric drilling

Specifications

- > Bench-top or tower models available

Interfaces

The Edge 950 is compliant with the OMA protocol for data transfer. The extended features are supported. A host computer with dedicated software is required (WECO LabControl software supports all necessary interfaces).

Technical data

Width	640 mm	25.2 inches
Depth	610 mm	24.0 inches
Height (tower)	1,640 mm	64.5 inches
Height (bench-top)	690 mm	27.1 inches
Weight (tower)	110 kg	242 lb
Weight (bench-top)	80 kg	176 lb
Rated power	1.4 kWh	
Rated Voltage	230v 50/60 Hz	

Subject to changes within the scope of technical development.

For further information on new Edge 950 and WECO Industrial Solutions please contact us. We are always delighted to assist.

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