

EZFit

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The only professional lens edger in the market



MILLING TECHNOLOGY
Extreme precision with no rework



PRODUCTIVITY
Incredibly fast lens processing speed



DRY CUT
No water to cut lenses

Born from MEI's experience in manufacturing lens edging machines, the **EZFit** is the compact solution tailored for optical shops and small labs. This lens edger represents a further breakthrough for the field with its unique features, including:

- the high precision and reliability of **milling technology**;
- Eco-friendly **Dry Cut** technology with saving 1 million liters / 264k gallons a year;
- 100% first time fit thanks to its extreme precision.



PRECISION



VERSATILITY



EASY OF USE

Edging becomes Easy



Better together.

All the accessories.

CREATIVITY ENGRAVING

Thanks to the Engraving function, available with EzFit, you can offer to your customers an exclusive service. You can realize totally customized lenses, marking what makes them truly unique: words, logos, drawings, initials, icons. Your customers' glasses will no longer be simple glasses. They will be the expression of their personality.

FLAWLESS GAUGE

Win the challenge of 100/100 first fit rate with the FlawLessFit system, which applies a dynamic shape optimization taking into consideration all lens and frame features. The system uses the new MEI FlawLess Gauge to analyze and correct the matching between lens and frame, avoiding rework and assuring a perfect fit of all spectacles. The FlawLessFit system integrates also the 3DCirc Adaptation and the Smart Bevel Positioning algorithm already available in all MEI edgers.

SHAPE FINDER EVO

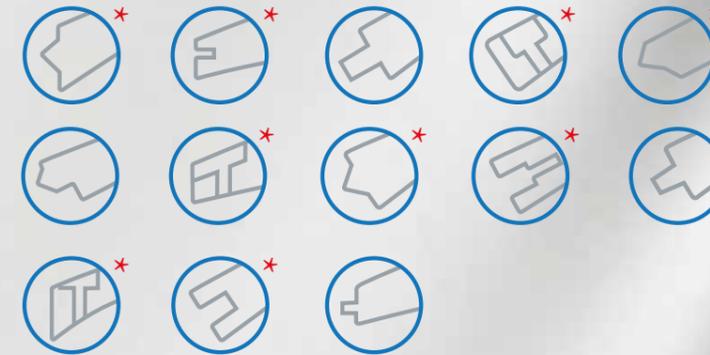
The Shape Finder EVO is an optical scanning device used to detect lens shapes and holes. Its exclusive design specifically avoids all the typical inaccuracies characterizing the camera based units currently on the market. The new version includes the camera lenses and the lighting system, designed to emphasize the edge profile, eliminating the perspective effects and the field distortion. In addition to a new appealing shape the new system has been integrated with a PC and a bar code reader, creating a user-friendly all-in-one component. Connecting the integrated computer into the client's network, you will be able to prepare, save and modify your standard and special jobs directly to the computer or to your server.



Technical Data

Types of workable lenses	Spherical, cylindrical, toric, progressive (including hydrophobic coatings)	Lens locking system	Manual with standard block
Materials	CR39, Poly, High Index, Trivex	Lens loading/unloading	Manual
Lens size	Maximum size of the raw lens Ø 85 mm Minimum size of the finished lens: it depends on the type of block used	Tools	Electro spindle 6,000 - 33,000 RPM depending on process Up to 4 available position
Lens blocking chucks	All standard types	Dimension	Standard and Advanced version: 768 x 902 x 1,600 (h) mm (30.2 x 35.5 x 63 inches)
Lens base	Standard: up to base 9 (MEI is available to test samples for a feasibility report) Special: up to base 16	Weight (approx.)	Approx. 400 kg (880 lbs)
Lens clamping system	Double Drive system	Edge thickness detection	Mechanical probe system
Communication	Standard VCA/OMA protocol - RS232 or Lan	Job data collection	Multilane barcode reader, Ethernet or RS232 OMA
Edge types	Vertical and Inclined bevels (with or without polish) Rimless and Nylo (with or without polish) Drilling Safety bevels Step back (Shelf bevel) in the back of the lens T-Bevel	Advanced options	Smart bevel (automatic bevel positioning with respect to the frame curve) Mini bevel Tecnocam software: input many shapes and custom cutting processes Variable settings on same lens: different groove thicknesses, bevel and groove, as well as variable bevel angles and step backs

Examples of kind of edge



*Polishing available

External Supplies

Power Supply	110 / 220 V single-phase
Air Supply	6 Bar (87-101 psi), minimum capacity 250 l/min (7.8 CFM).
Vacuum Cleaner	Included
Water Supply	Water (hardness 12° Eng - 18° Fr or less) mixed with 1.5% of Synergy 915 lubrication (Consumption: 0.05 lt. per couple of lenses)





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