

Automatic Edger



OPTIMA
| A | D | V | A | N | C | E |

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COMBIMAX
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Peripheral



CHARACTERISTICS

- 2 grinding wheels for roughing all materials (glass, CR 39, high-index, polycarbonate and Trivex™)
- Specialized roughing process for lenses with slick coatings such as super hydrophobic coatings (could also be applied to very thin mineral lenses)
- Grinding wheel for bevelling all materials
- Automatic polishing of CR 39, hi-Index, polycarbonate and Trivex™ materials
- Dynamic speed control
- Automatic 4D groover. Adjustable grooving function in terms of positioning, width, depth and angle
- Automatic tilting of the grooving system. Tilting angle up to 15°
- Automatic internal and external safety bevel incorporated
- Continuous 3D mapping
- Dimensions B, minimum 18 mm on rimless, 19.6 mm on bevel
- Bevel programmes: automatic, programmed guided, manual and flat
- Automatic minibevel, an exclusive **indo** design, to fit all mountings in thin metal frames
- Servomotor design for improved quality and accuracy
- High definition type color graphic screen
- Tutorial menu: function to guide the operator through the edging process, accessed from the start screen
- Quickset control for fast programming
- Self-diagnosis
- Error, alarm and help messages
- Statistics
- Automatic sharpening of grinding wheels
- Automatic calibration
- Adjustable working pressure
- Connection for PC, network and bar code reader
- Compatible with OMA Communication Standard. EN-ISO 16284:2001
- CE compliance
- Active Noise Reduction (ANR) system incorporated to reduce the level of noise: < 72 dB

TECHNICAL SPECIFICATIONS

- Voltage: 220 V / 50 Hz - 110 V / 60 Hz
- Consumption: 800 W
- Dimensions: 612 x 440 x 415 mm

CHARACTERISTICS

- Fully automatic 3D tracing
- Tracing of frames, patterns, demo lenses and lenses
- Automatic calculation of DBL (distance between lenses)
- Automatic entry of the sensing device
- Total parallax-free camera assisted optical system
- High definition colour screen
- Programmable memory volume: Memory of jobs: up to 392 Memory of shapes: up to 777 PC jobs: up to 199
- Automatic, "intelligent" centring (automatic correction of centring errors)
- Zoom function for perfect centring of the lens
- Real image processing for perfect detection of lens type and markings
- New software that permits the modification of the boxing for the read shape, both horizontally and vertically, without this involving any variation of the pupil distance
- Latest software version improving recognition of progressive lens (automatic recognition of oval shapes)
- Cleanliness test, which allows the detection of traces of dirt that could degrade equipment operation
- Prismatic value calculation
- Tutorial menu: function to guide the operator through the process of tracing, centring and blocking, accessed from the start screen
- Locking device motor-driven
- Self-diagnosis
- Automatic calibration
- CE compliance
- Colour: White (also available in Speed silver color)

indo

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indo
your eyes, our world

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Peripheral



OPTIMA ADVANCE adds to the basic functions featured in earlier versions, with 4D grooving and front and rear safety bevelling.

Progress means getting ahead.

Building upon greatness to perfection the **OPTIMA ADVANCE** advances our proven track record of a technology leader in patternless edging systems. With this equipment operators have the tools to effortlessly make high quality eyewear consistently without worry.

It means using experience and ingenuity to find better ways to get further than ever before



The intelligent combination.

The peripheral device that completes the system

COMBIMAX ADVANCE is the peripheral device that completes the **OPTIMA ADVANCE** system.

With an exclusive design that harmonises perfectly with the edging machine, **COMBIMAX ADVANCE** uses DIP (Digital Image Processing) technology and combines a tracer, blocker and centring device in a single module.



1. 4D grooving and front and rear safety bevelling

The **OPTIMA ADVANCE** edger features a new grooving system - with adjustable position, width, depth and angle - and double safety bevelling, making it possible to choose from three rear safety bevel settings (high, medium and low)

2. Adjustable roughing process to suit the type of material

The device allows the user to choose the right type of roughing process to suit the particular features of the job to be done. This eliminates any risk of chipping and spoilage of lenses, ensuring an excellent finishing

3. Minibevel function, exclusive to **indo**

This special features makes producing fine metal frames into a simple job with proven aesthetic quality

4. Special function for high base lenses

The 8 - curve function allows the edger to carry out special mapping and roughing processes for high-base lenses (8 Dp and superior)

5. Quicksets

Create and memorise specific bevelling values depending on the job to be done. This feature removes the needs to set the edger at the beginning of every

