

# EasyFit No block Trend



# The only professional lens edger in the market.

## EASYFIT TREND

Born from MEI's experience in manufacturing lens edging machines, the **EasyFit Trend** is the new block-less compact solution tailored for optical shops and small labs. This new 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
- the "**No Block**" system that eliminates blocks and pads.

The new **EasyFit Trend** features an innovative tracing system that further increases the overall productivity, and a new modern and compact design.

MEI has also integrated into this new machine the "**Total Quality Control**" system, developed on top range products. The built-in inspection instruments assure the precise automatic measurement of all the optical parameters, avoiding any other inspection process before and after the edging.



**NO BLOCK**  
Blocks and pads are eliminated



**DRY CUT**  
No water to cut lenses



**MILLING TECHNOLOGY**  
Extreme precision with no rework



**INCREASED PRODUCTIVITY**



**NEW COMPACT DESIGN**



**TOTAL QUALITY CONTROL**

You can choose between **two different versions** of the EasyFit Trend: with the **PRO** version, you can edge all the standard jobs, but you can't do the special jobs and do not have the features of Total Quality Control. With the **MAX** version, you can edge all kinds of bevel types (including special jobs and sports frames lenses) and have all the features of Total Quality Control. Please contact us to discover the specific differences between the two versions.

## BENEFITS

# Win the market challenges

By creating added value and delivering benefits to your customers.

In addition to service, experience and professionalism, technology is an essential part of your business. Technology applied directly to edging of eye glasses, the present and future is milling. Milling technology has been used for years by the most important optical industrial companies as opposed to traditional grinding wheels. This technology is now available to optical shops, laboratories and private practices.



### PRECISION

100% first time fit thanks to its extreme precision, with the maximum quality, avoiding rework. With the EasyFit Trend you can maintain this precision over time with milling technology, unlike grinding wheels.



### PRODUCTIVITY

Unmatched cycle time for every edge type, material and coating. You can also load right and left lenses at once and wait for the complete glasses, optimizing your work.



### VERSATILITY

Edge every kind of bevel (bevel, rimless, nylon, drilling, polishing, safety bevel, T-bevel, step back, ...) with every inclination (up to base 16) in one single process.



### AUTOCALIBRATION

Automatic calibration of the machine and tools make it easy for the machine operator to replace tools themselves.



### REMOTE EDGING

With the remote edging you can send your jobs from one (or more) shops to the location of your edger, eliminating shipment of frames.



### EASE OF USE

Simplified, user friendly interface on a 17" touchscreen monitor to guarantee the best user experience. Immediate lens placement with the integrated lensometer.



### EASILY EDGE SPORT FRAMES LENSES

With the automatic integrated shape finder system, you can easily and quickly edge prescription lenses for sport frames.



### RELIABILITY

Best quality and maximum reliability guaranteed by years of experience made possible by MEI R&D the global leader in lens edging solutions.



### ENVIRONMENTALLY SUSTAINABILITY

No water to edge lenses with saving 1 million liters / 264k gallons a year. The water filtering system is eliminated. Environmentally sustainability and cost savings.



### TECHNICAL ASSISTANCE

Our technical support can provide assistance to solve any issues. Thanks to the remote support we can help you immediately and if necessary a technician can come to you.



E N D

QUALITY CONTROL

# Total Quality Control.

Edging is **just one part** of the RX lens mounting process. Making sure that your customer receives the quality they deserve requires **several inspection processes**, before and after edging. This impacts labor costs, work space and delivery time, but this was before the EasyFit Trend.

The EasyFit Trend performs all needed **quality inspection** tasks **without increasing** the edging cycle, **analyzing 100%** of the production, minimizing the rejects and automatically applying the needed correction.

## Inspection before edging

The EasyFit Trend built-in inspection instruments assure the automatic precise measurement of all optical parameter, avoiding any other inspection process before or after the edging.



BACK VERTEX POWER MEASUREMENT



BUILT-IN MULTIPPOINT SHACK-HARTMANN FOCOMETER



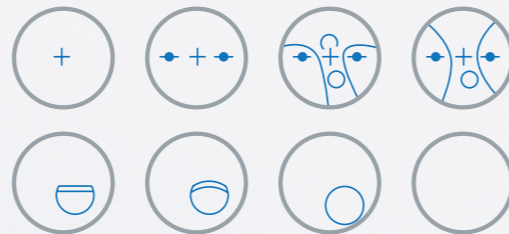
BLANK CUT-OUT AUTO CORRECTION



GRADIENT VERIFICATION & ALIGNMENT

## Lens centering ability

The EasyFit Trend performs the perfect centering of any kind of single vision or progressive lens, including single vision freeform, progressive, multifocal and plano lenses.



**4QC** Final verification by the **4QC** inspection system

**RX**  
S=-2.75 S=-1.75  
C=+0.45 C=+1.25  
ADD=2.05 ADD=2.10  
R ✓ L  
LENS POWER VERIFICATION

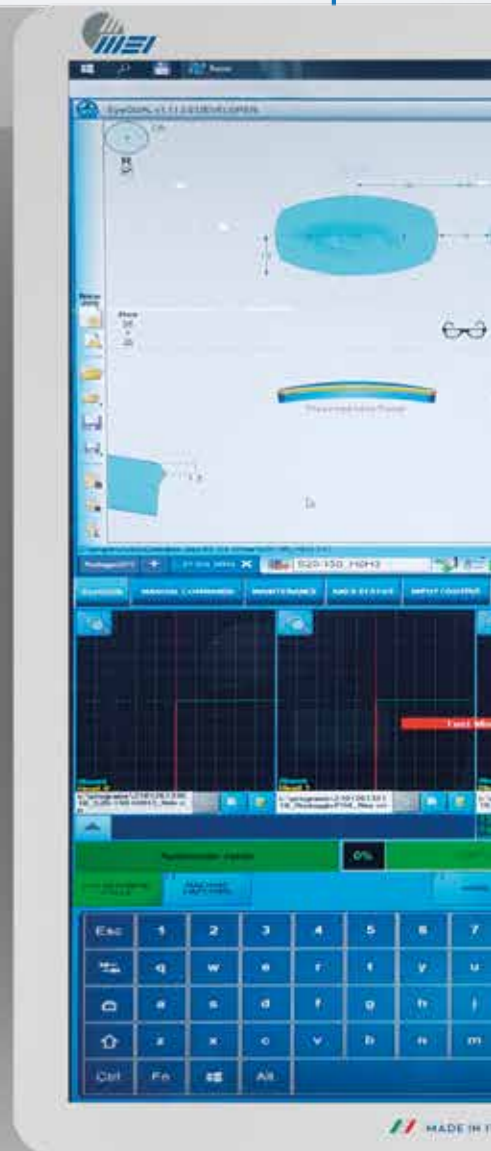
Centering verification icons  
R ✓ L  
CENTERING VERIFICATION

Size and Circ verification icons  
R ✓ L  
SIZE AND CIRC VERIFICATION

Axis verification icons  
R ✓ L  
AXIS VERIFICATION

**EASYFIT**  
TREND

NO BLOCK



# Make them unique with EasyFit Trend.

## CREATIVITY ENGRAVING

Thanks to the Engraving function, available with EasyFit, 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.

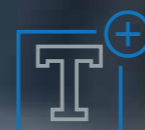
### With the Creativity Engraving by MEI you can:



**Upload an image**  
and mark it on the lens!



**Save a logo**  
and use it whenever you need it!



**Write on the lens choosing font and size!**  
Linear text or rounded to the corner? It's up to you!



**Resize and modify the logo and place it exactly where you want**  
Anchor and rotate it according to the edge or align it as you need.



# Better together.

All the accessories.

## CREATIVITY ENGRAVING

Thanks to the Engraving function, available with EasyFit Trend, 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.



# Datasheet



## Technical Data



### Materials

All organic lens materials, i.e. CR39, Polycarbonate, High Index and Trivex



### Security certificate

Signed CE manufacturer certificate



### Max lens blank dimension

Ø 90 mm



### Vacuum cleaner

Integrated



### Min box dimension

22x30 mm (vertical) – 24x30 mm (inclined). Note: box size is determined by the used block



### Dimension

770x1000x1775 (h) mm (31x39x70 inches)



### Lens base

Standard: up to 09

Special: up to 16 - Limitation are possible depending on real front radius, thickness, shape and decentration. (MEI is available to test samples for a feasibility report)



### Scrap Collection

Integrated



### Weight (approx.)

450 kg (992 lbs)



### Lens clamping system

Double Drive system



### Power Supply

110/220V single-phase



### Communication

Standard VCA/OMA protocol RS232 or Ethernet



### Air Supply

6 bar (87-101 psi), min capacity 250 l/min

## Examples of kind of edge



[easyfit.meisystem.com](http://easyfit.meisystem.com)





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