



**briot**  **EVO  
XS2**

THE NEXT EVOLUTION  
OF EDGING.



## THE NEXT EVOLUTION OF TRACING: GRAVITECH®

### Revolutionary Optical Tracing with Unbelievable Results

Briot has developed the first optical tracing system capable of using just one reference point to recreate the a flawless 3D shape in just 4 seconds. With our patented GraviTech® technology, users achieve perfect shape reproduction and sizing with results that are superior to mechanical tracers.

### Intelligent Drilling

The EVO XS2 is the master of drill hole detection. There is no need to mark the drill holes beforehand; the EVO XS2 will elegantly capture accurate drill hole coordinates within seconds. Its intuitive interface makes modifying drill points and notches simple and easy.

### Digital Lens Clock

The new Digital Lens Clock feature measures the front base-curve of the lens in a matter of seconds. The EVO XS2 then uses this data to achieve a perfect finish.



### Intelligent Shape Smoothing

The EVO XS2 can accurately reconstruct broken or defective demo lenses with minimal effort.





<b>Height</b>	22.7 in
<b>Width</b>	12.7 in
<b>Depth</b>	23.7 in
<b>Weight</b>	50lbs

## TECHNICAL SPECIFICATIONS

### EVO XS2 | TRACER / BLOCKER

#### Data base

- Number of jobs: 5 000
- Number of shapes: 10 000
- Number of Frame Manufacturers / Folders: 100

#### Optical Trace

- Powered by patented GraviTech® in HD
- Maximum "A" Dimension: 70mm
- Maximum "B" Dimension: 60mm
- Shape Modification
- Automatic Drill Hole Detection
- Easy Drill Hole Modification and Placement

#### Centering / Blocking

- Parallax Free Decentration and Blocking
- High Definition Camera
- Highlight and Visualize Laser Engravings
- 3D Pupillary Distance Correction

#### TrueScan® Tracing Technology

- Automatic 3-D mechanical tracer:
  - Shape Width: 20mm to 70mm
  - Shape Height: 18.6mm to 70mm
  - Horizontal frame width: 90mm to 160mm
- Proprietary technology to measure wrap around frames binocularly up to 9 base curve
- 4D tracing of the frame dimensions including the groove position, ensuring optimum aesthetics by the lens being flush to the front side of the frame
- Monocular (right or left) and Binocular (right and left) Tracing. Featuring a new intelligent mirror of the shape, which takes into consideration the individual circumference
- Smooth manual frame clamping and tracing with adapted speed for the most challenging frames
- Automatic 2-D mechanical Pattern and Demo Lens tracing: - Shape Width: 28mm to 70mm - Shape Height: 17mm to 60mm
- 3.5" colour touchscreen



<b>Height</b>	570 mm (22.4 in)
<b>Width</b>	510 mm (20.1 in)
<b>Depth</b>	615 mm (24.2 in)
<b>Weight</b>	65 kg (143 lb)
<b>Voltage</b>	CE 230V/50Hz ETL 120V/60Hz
<b>Electric consumption</b>	230V /8A 120V / 15A
<b>Electric power</b>	1800 W
<b>Sound level</b>	66 dB

### EVO XS2 | EDGER

#### Finishing

- Industrial Grade Brush-less Motor for fast and quiet operation.
- Four 90mm wheels that edge all materials including CR39, Polycarbonate, Trivex®, High-Index, and Glass.
- Integrated drilling functions including countersunk holes, notches, blind, and oblong holes. The drilling angle adjusts dynamically from 0-30°.
- Front and backside lens curvature measurement accuracy of 50 microns.
- Visual preview of lens before starting the roughing cycle.
- 5 different bevel program modes including Percentage(default), Base curve, Controlled Bevel(manual), and Automatic.
- Variable chuck pressure based on lens material and coatings.
- Minimum edging diameters:
  - Rimless Polish = 17mm,
  - Grooved Polish = 18.2mm,
  - Bevel Polish = 18.6mm,
  - Polish with Safety Bevel = 21mm.
- 5 different grooving modes including Percentage(default), Base-curve, Controlled Bevel(manual), Automatic.
- Front and backside safety bevel.



## THE NEXT EVOLUTION OF THE TRACER/BLOCKER

### TrueScan® High Base Curve Frame Tracing

With the addition of our Scan 8 Mechanical tracer, featuring our patented angled stylus, the EVO XS2 has the most accurate and reliable high base curve frame tracing in the industry.



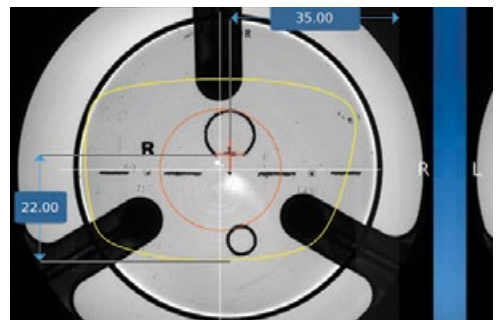
### Patented Technology Delivers Perfect, Parallax-Free Blocking

Briot has developed a new technology that enables consistently faster blocking while eliminating negative influences such as parallax and light reflections to deliver perfect blocking results.



### Visualize and Highlight Progressive Lens Laser Engravings

The high resolution camera can accurately capture the laser engravings on progressive lenses to make layout easy and stress-free. With the EVO XS2, you can edge every lens with complete confidence.





## THE NEXT EVOLUTION IN EDGING

### Flexibility and Speed with New Whisper Quiet Technology

Edge faster and more efficiently with less noise using the EVO XS2's new Brush-less motor technology and ditch the need for a 220v power line.



### Variable Angle Drilling and Grooving for a Flawless Finish

No two frames are exactly alike. With a dynamically adjustable drilling / grooving tool up to 30° and Briot's Best-Fit® Technology, the EVO XS2 ensures that the lens has an exceptional finish.



### Fully Guided Mini Bevel Ensures that the First Fit is the Right Fit

90mm diameter wheels can perform bevels that larger wheels cannot. Achieve the best aesthetics with full bevel width and height control, especially in thin metal frames.



The logo features a blue circular icon on the left, composed of two overlapping semi-circles. To the right of the icon, the word "EVO" is written in a bold, black, italicized sans-serif font. Below "EVO", the word "XS2" is written in a bold, black, sans-serif font, with the "2" being a larger blue color matching the icon.