



EVO
XS2

EXPERIENCE YOU CAN COUNT
ON YESTERDAY, TODAY,
AND TOMORROW



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 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.

No Demo Lens? No Problem with Optical Frame Tracing

Another industry first, the optical frame tracing system developed by Briot allows you capture the shape of the frame in the rare occurrence that a demo lens is not available.

Intelligent Drilling

The Alta Evolution is the master of drill hole detection. There is no need to mark the drill holes beforehand; the Alta Evolution 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 Alta Evolution then uses this data to achieve a perfect finish.



Intelligent Shape Smoothing

The Alta evolution can accurately reconstruct broken or defective demo lenses with minimal effort.





THE NEXT EVOLUTION OF THE TRACER/BLOCKER

Visualise 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 Alta Evolution, you can edge every lens with complete confidence.



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.



TrueScan® Technology ensures best binocular frame Tracing

With reduced clamping and tracing pressure perfect sizing is ensured even on higher base curves. Due to the tilting stylus mechanism it's possible to scan and binocularly wrap frames (up to a base 9). Together with GraviTech® this equipment delivers the best tracing results - always!





THE NEXT EVOLUTION IN EDGING

Flexibility and Speed with New Whisper Quiet Technology

Edge faster and more efficiently with less noise using the Alta Evolution's new Brushless motor technology and ditch the need for a 220v power line.



Dynamic Range Angled Drilling and Grooving for Best Finishing Results

No two frames are exactly alike. With a dynamically adjustable drilling / grooving tool up to 30° and Briot's Best-Fit® Technology, the Alta Evolution 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.





Height	645 mm (25.3 in)
Width	325 mm (12.8 in)
Depth	545 mm (21.4 in)
Weight	21 kg (46.3 lbs)

TECHNICAL SPECIFICATIONS

EVO XS2 I TRACER / BLOCKER

Data base

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

Mechanical Trace

- Powered by Briot unique TrueScan® Frame Tracing Technology
- Low Pressure clamping
- Reduced Tracing pressure
- Adapted Tracing speed
- Binocular Tracing in ~31s
- Tilted Stylus Technology for binocular tracing up to base 9
- Easy operation through touchscreen

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 Visualise Laser engravings
- 3D Pupillary Distance Correction



Height	570 mm (22.4 in)
Width	510 mm (20.1 in)
Depth	615 mm (24.2 in)
Weight	65 kg (143 lb)
Voltage	CE 230V/50Hz ETL 120V/60Hz
Electric consumption	230V /10A 120V / 20A
Electric power	2300 W
Sound level	66 dB

EVOLUTION I EDGER

Finishing

- Industrial Grade Brushless 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), distance from front, 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), distance from front, base curve, controlled bevel (manual), automatic.
- Variable front and backside safety bevel.
- Optional available: High Curve Mode (for Organic Material Processing only)



BVCert. 8566167



ABOUT US

The Luneau Technology group, bringing together the Visionix®, Briot® and Weco® brands, is a major force in the market, with a range of equipment to cover all the Eye Care Professionals' requirements: Refraction and ophthalmic screening, lens inspection in industrial production and lens cutting at the optician's. Our aim has always been to provide you with the latest technologies to permit quicker screening for visual disorders and provide a better quality of life, with ever more effective equipment.



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