

MIRA S SERIES


High performance desktop CO2 laser machine

MAXIMUM PRODUCTIVITY

Power Performance

- Fastest in its class: 2000 mm/s engraving speed with RF tube, 1200mm/s with glass tube
- Acceleration 5G
- Hassle-free maintenance due to Clean Pack Design and Magnetic Laser Head
- Materials: wood, glass, paper, leather, textiles, acrylic and many others
- Pass-through door for oversized size items
- Full safety - Class 1 Laser Machines for your peace of mind
- First in the industry - flat work table with easy jigs mounting



 Focusing lens overheating	File :	TempFile
	Speed :	500mm/s
	Max Power :	50%/50%
	X :	719.6mm
	Y :	410.0mm
	Z :	3000.0mm
☰ alarm		⏏ cont

Intelligent Detection and Diagnosis System

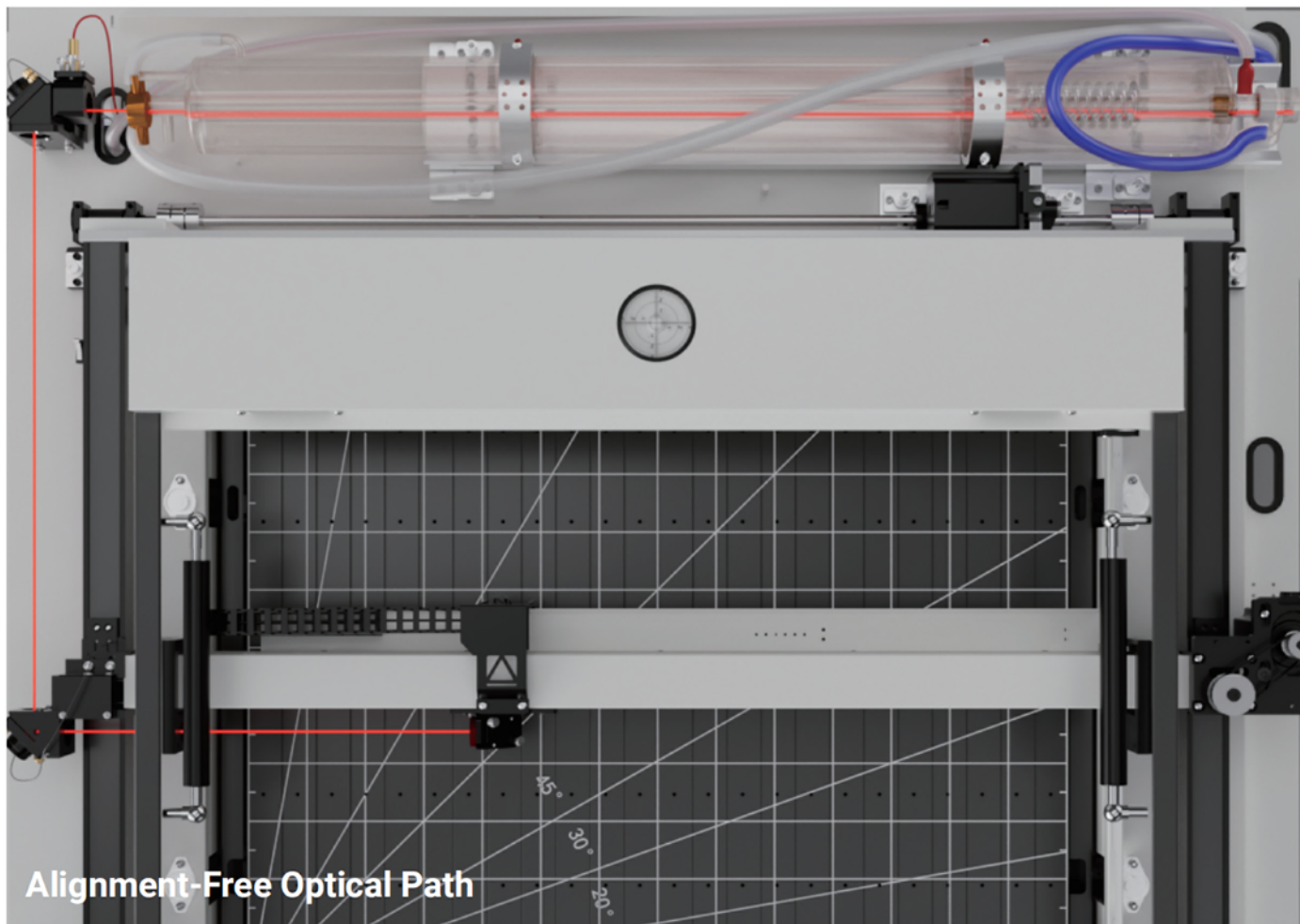
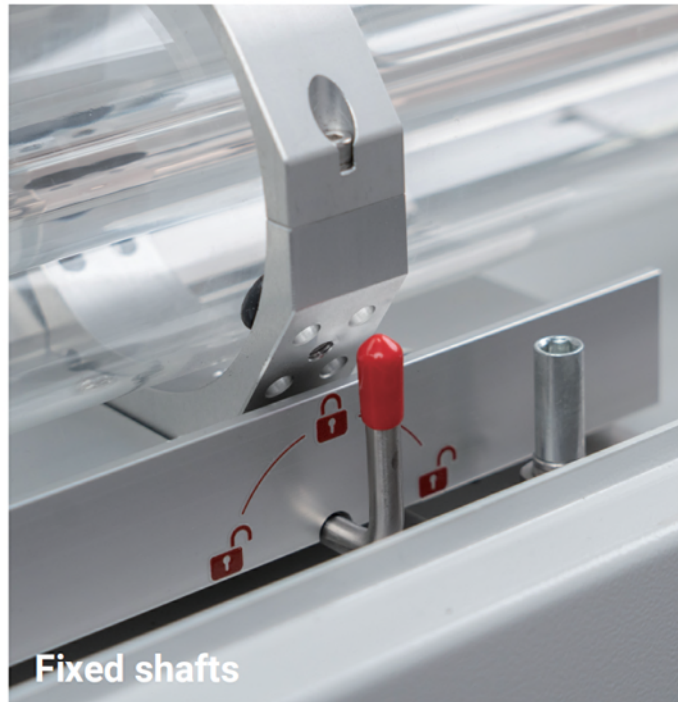
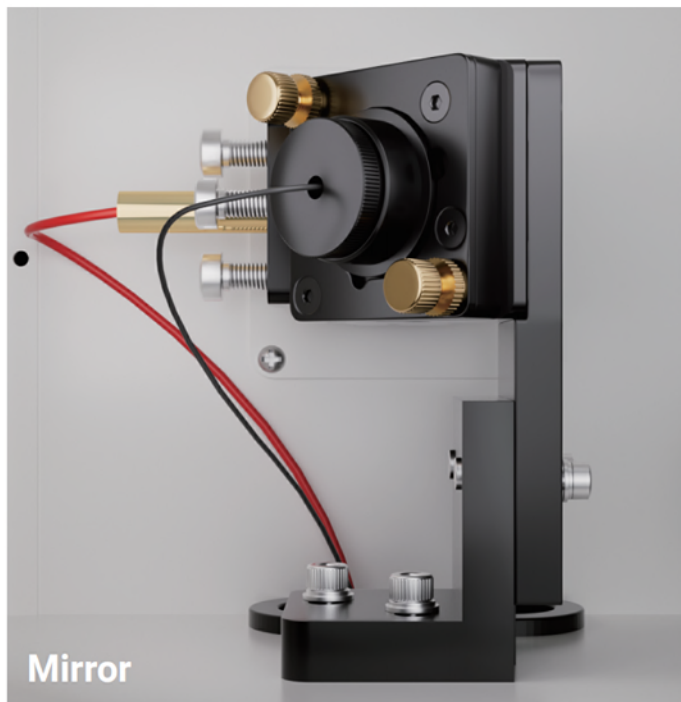
{Mira 7s/9s Only}

A unique and fast detection and diagnosis system that oversees the machine's operations with easy access via the control panel. Stay on the safe side and receive immediate alerts about issues through loud audio signals.

MAXIMUM PRODUCTIVITY

90% reduction in optical path alignments

Easily replace optical components (laser tube, mirror, lens) without the need for optical path alignments, ensuring quick and convenient maintenance.



COMPONENTS

Multi-Functional Work Table

Turn your cutting table into a flat table within the seconds and easily mount jigs.



Magnetic Design

Effortless Lens Snap-On, Snap-Off!

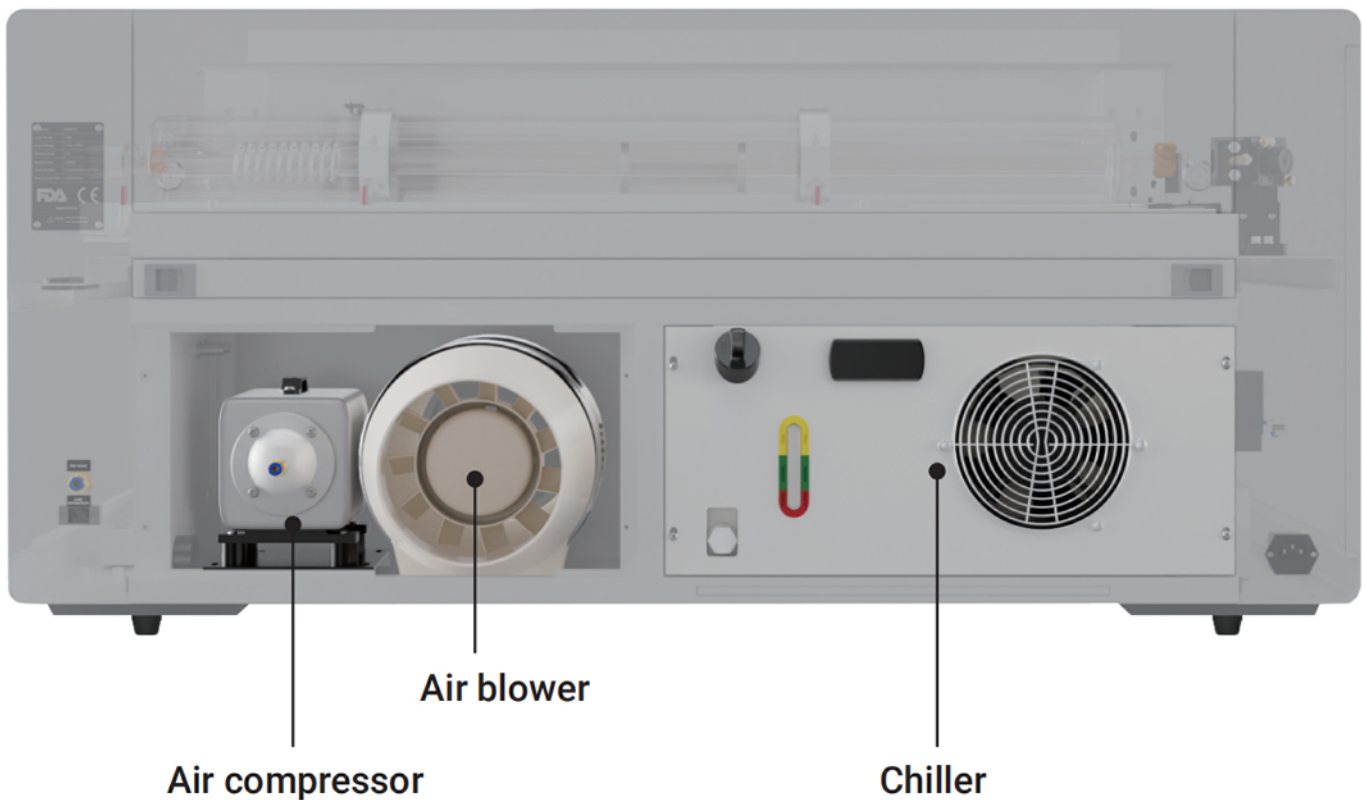
Material Pass-through Door

Easily work even on bigger pieces!



All-in-one Design

All the external accessories (air compressor/chiller/air blower) are built-in.





Fully Enclosed Dust-Proof Guide Rail and Clean Pack Design

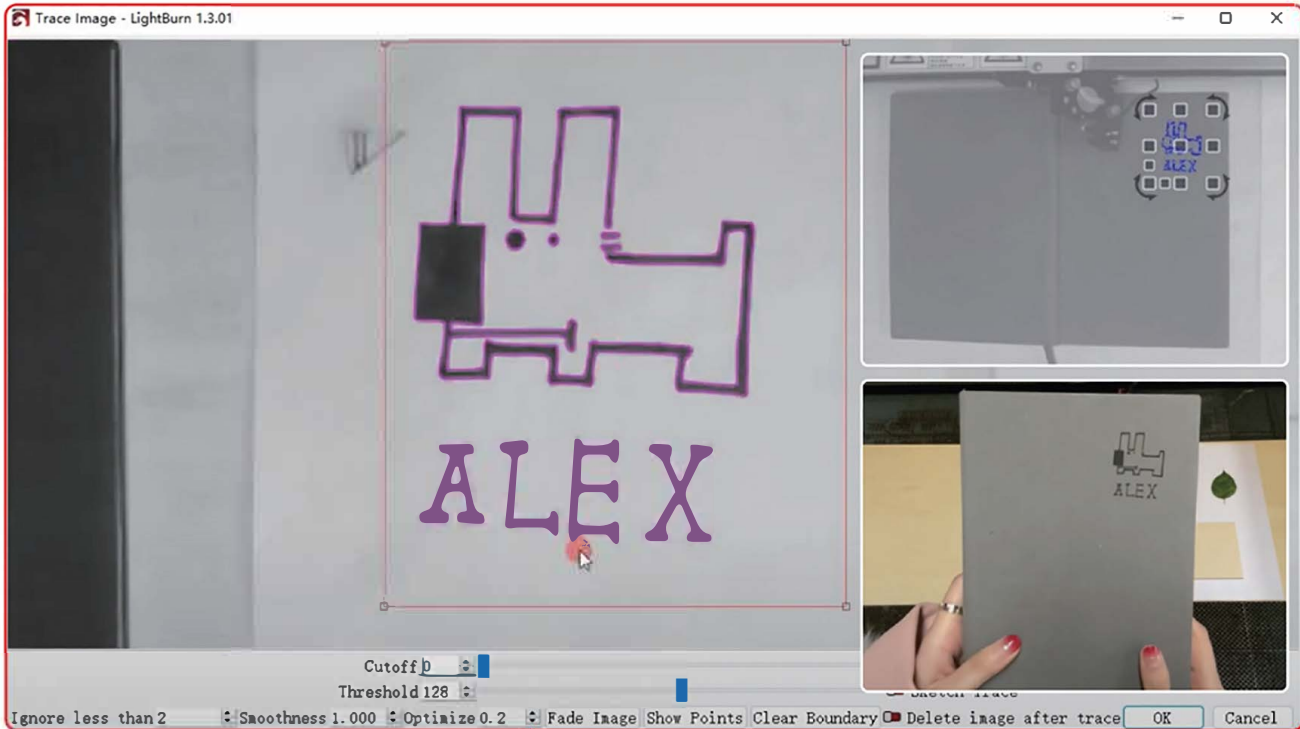
A fully sealed linear guide protects the guide rail and light path from dust, resulting in a significant reduction in maintenance frequency."



High-resolution LightBurn Camera included

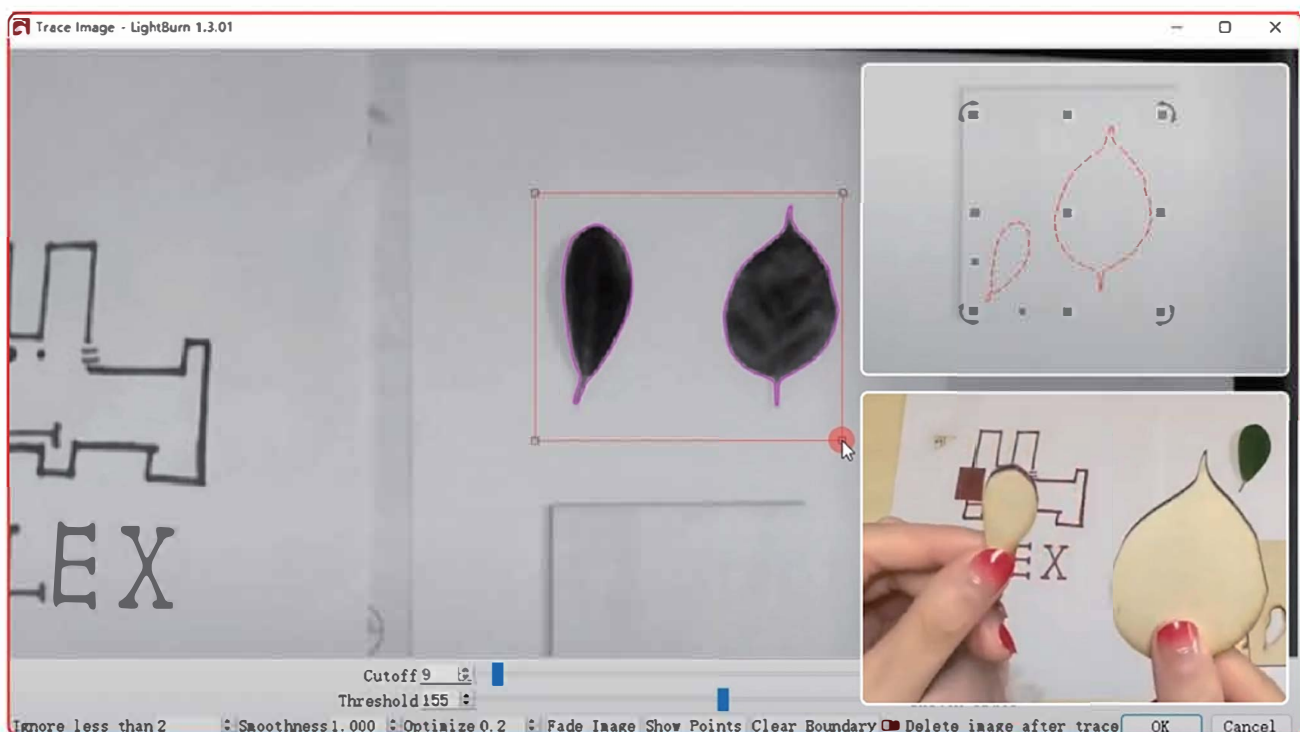
- Easily position your artwork on the workpiece.

Import your artwork into LightBurn and effortlessly position your objects by dragging and dropping them onto the work area.

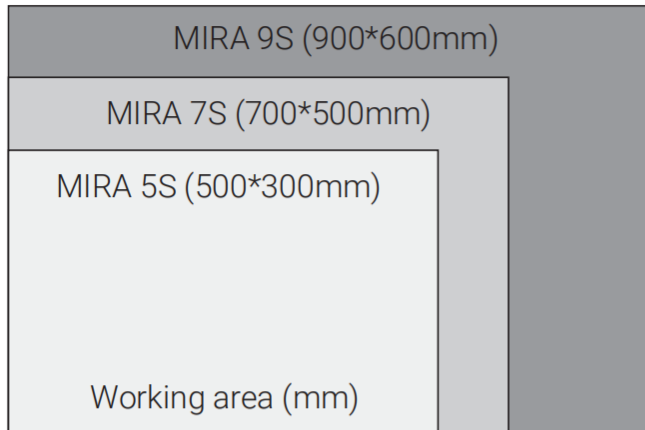


- Trace the shape feature

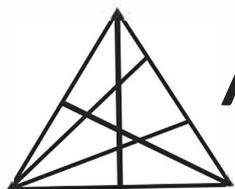
Utilize the LightBurn camera to capture a shape or a marker pen drawing, and with customizable trace features, instantly convert it into a cutting or engraving vector file.



WHICH ONE SUITS YOU



Model	Mira 5S	Mira 7S	Mira 9S
Working area	500x300mm	700*500mm	900x600mm
Z Axis Lifting Space	140mm	140mm	150mm
Machine Dimension(mm)	900*700*410	1128*945*510	1328*1070*530
Co2 Glass Tube	45W/60W	45W/60W/80W	45W/60W/80W/90W/100W
RF Metal Tube	30W/60W	30W/60W	30W/60W
Max. Engraving Speed	Glass Tube:1200mm/s; RF Tube:2000mm/s		
Acceleration	5G		
Minimum Font Size	1.0x1.0mm		
Positioning Accuracy	<=0.1mm		
Max. lifting capacity	15kg	25kg	25kg
Water Chiller	Built-in 3000 chiller	Built-in 3000 chiller	Built-in 5000 chiller
Fume Exhaust Fan	Built-in		
Air Assist	Built-in		
XY axis fully dust-proof design	✓		
AutoFocus	✓		
Wifi Data Transfer	✓		
Red Dot Positioning	✓		
Material Pass Through Door	✓		
Camera	✓		
Rotary Clamp	Optional		
Support Table	Optional		
Lightburn Software	Optional		



AEON
LASER

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