



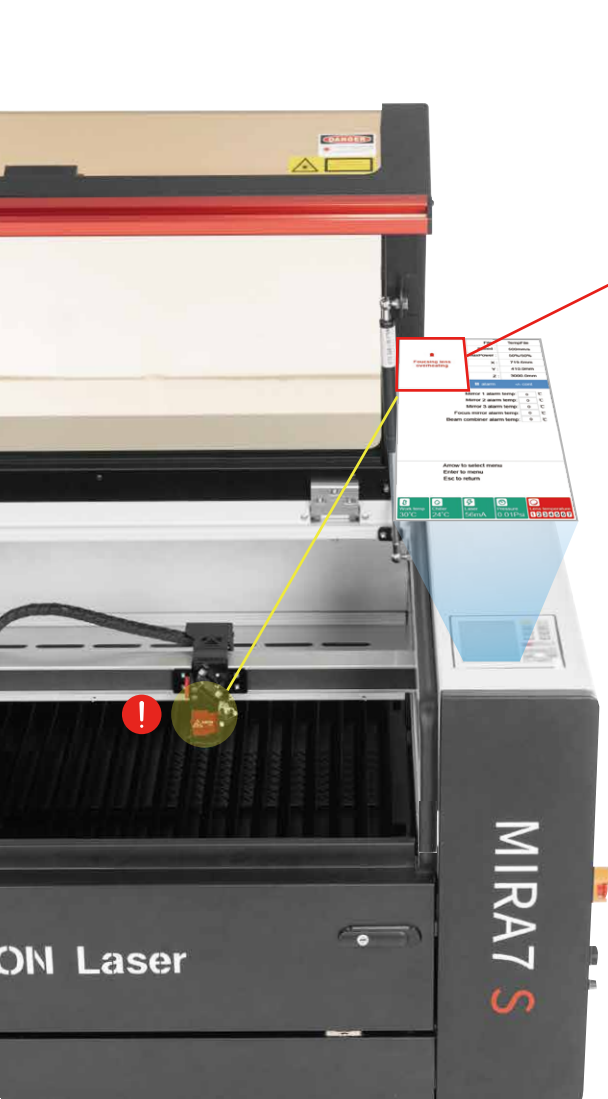
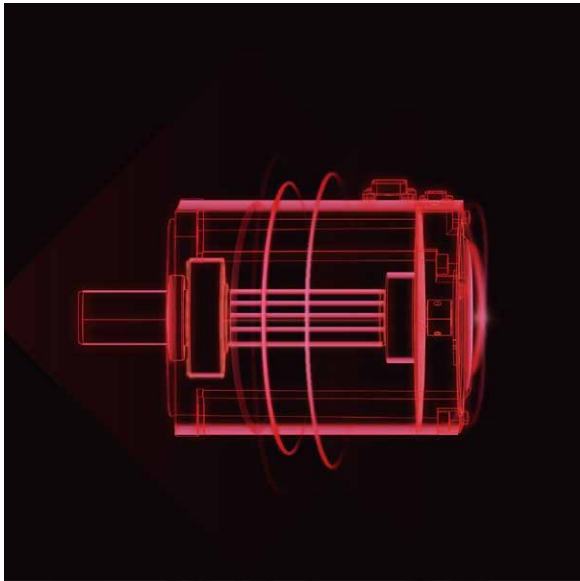
MIRA S SERIES

High performance desktop CO2 laser machine

MAXIMUM PRODUCTIVITY

Power Performance

Full AC Servo Motors make acceleration nearly instant at 8G of force with higher speed on all RF models.



Focusing lens
overheating

Intelligent Detection and Diagnosis System

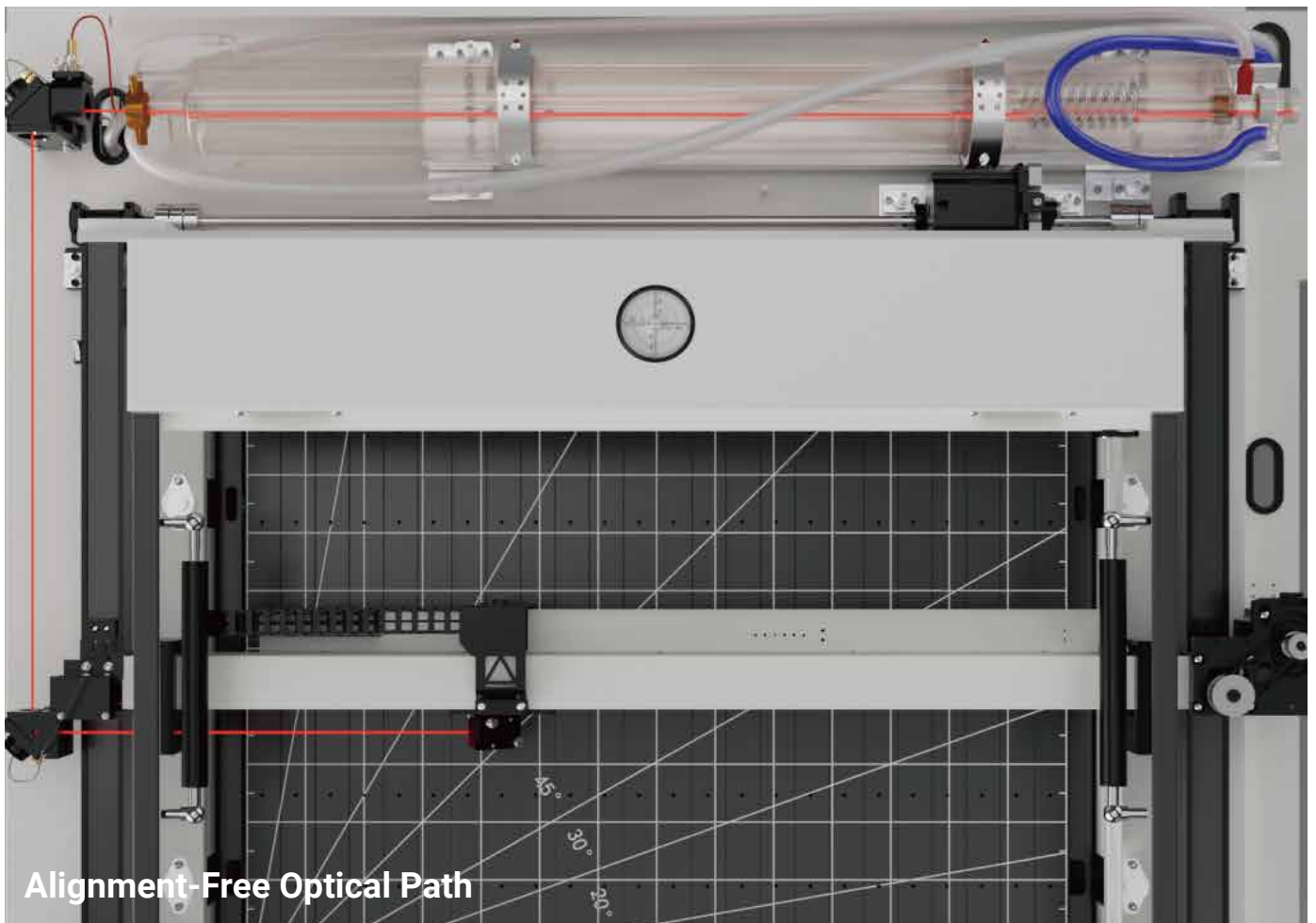
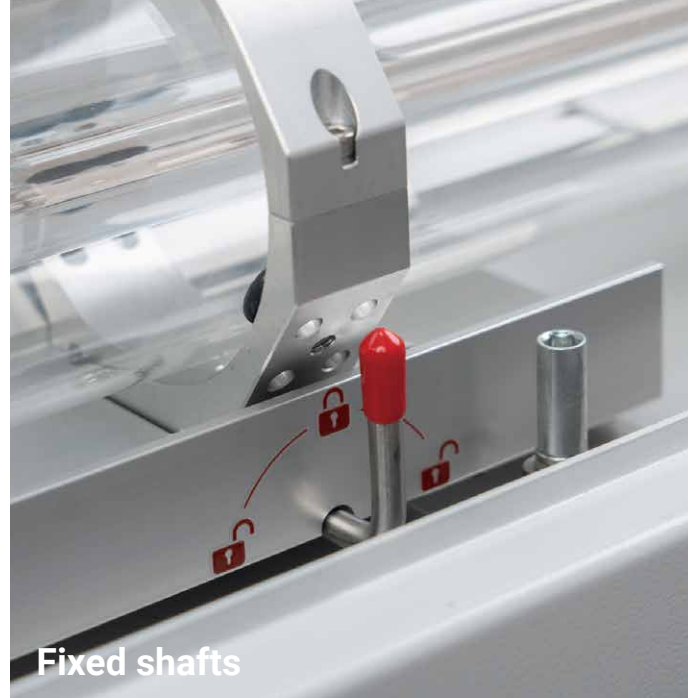
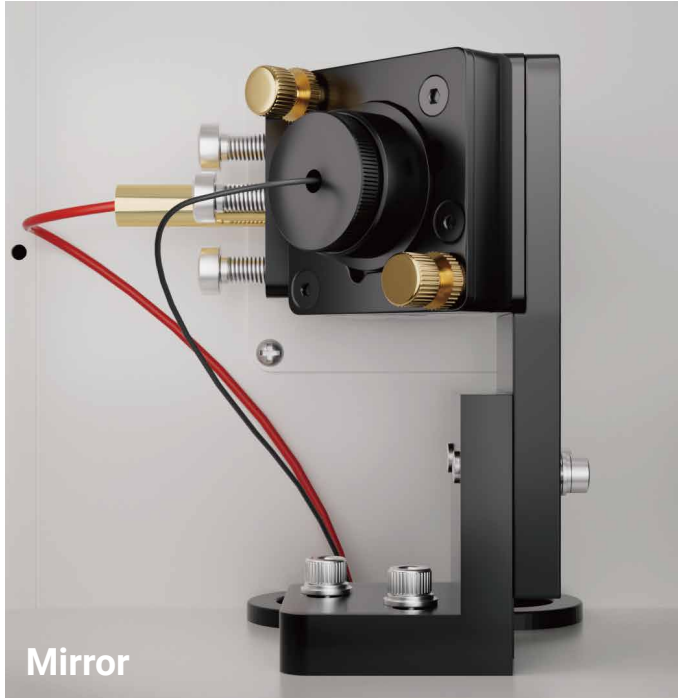
(Mira 7s/9s Only)

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

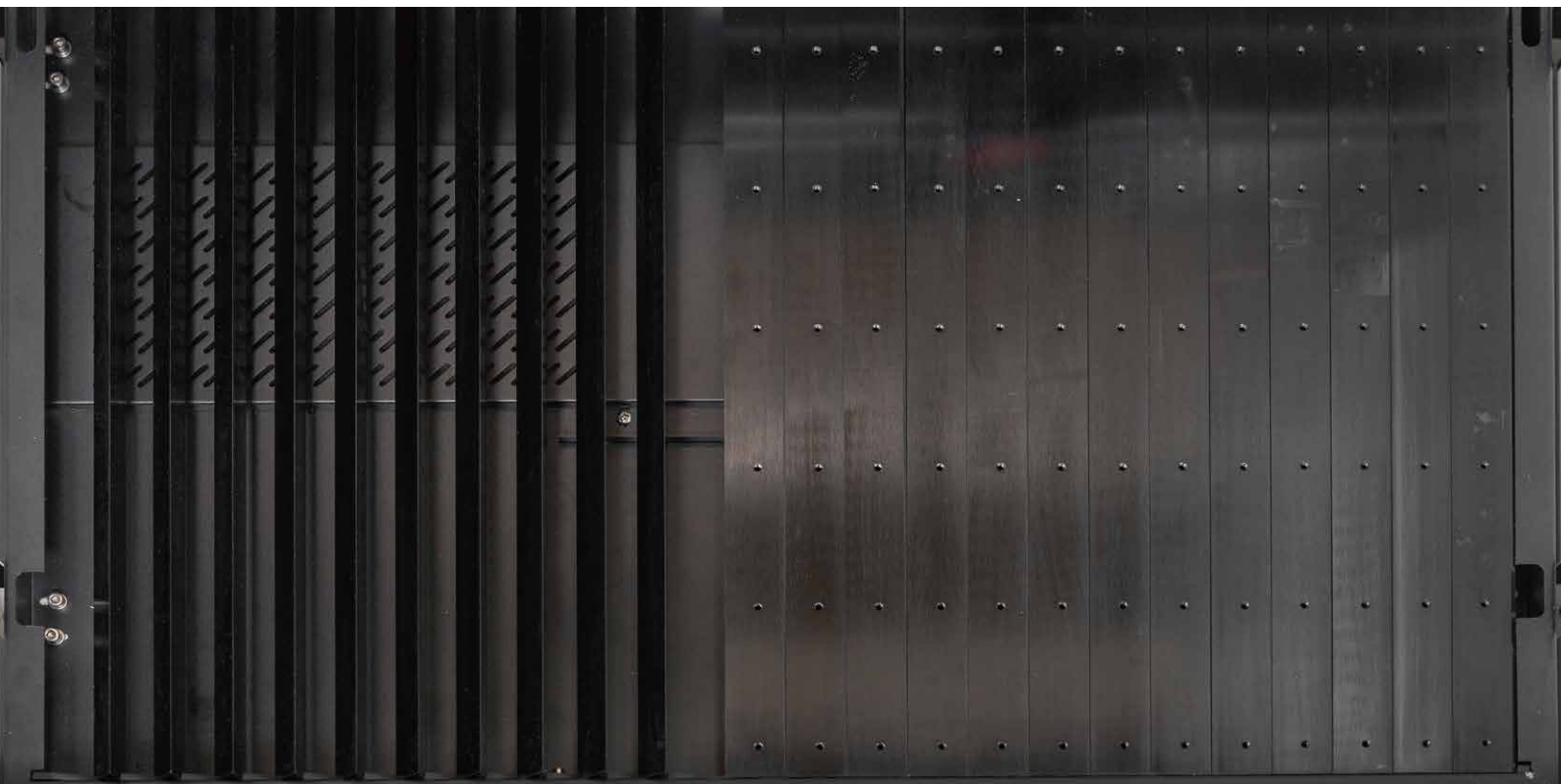
Easily replace optical components (laser tube, mirror, lens) without the need for optical path alignments, ensuring quick and convenient maintenance.



COMPONENTS

Multi-Functional Work Table

Turn your cutting table into a flat table within the seconds and easily mount jigs. Plus, it comes with a honeycomb table for engraving tasks. Get versatility and efficiency all in one!



Magnetic Design

Effortless Lens Snap-On, Snap-Off!



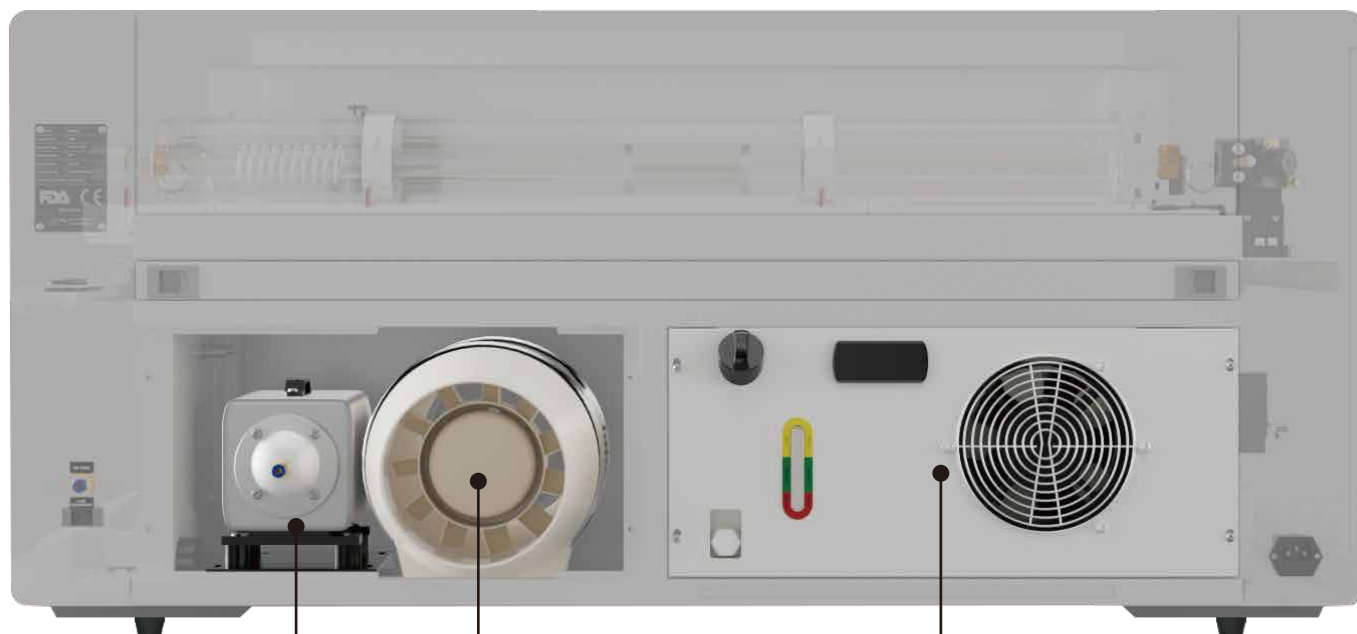
Material Pass-through Door

Easily work even on bigger pieces!



All-in-one Design

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



Air compressor

Air blower

Chiller



Fully Enclosed Dust-Proof Guide Rail and Clean Pack Design

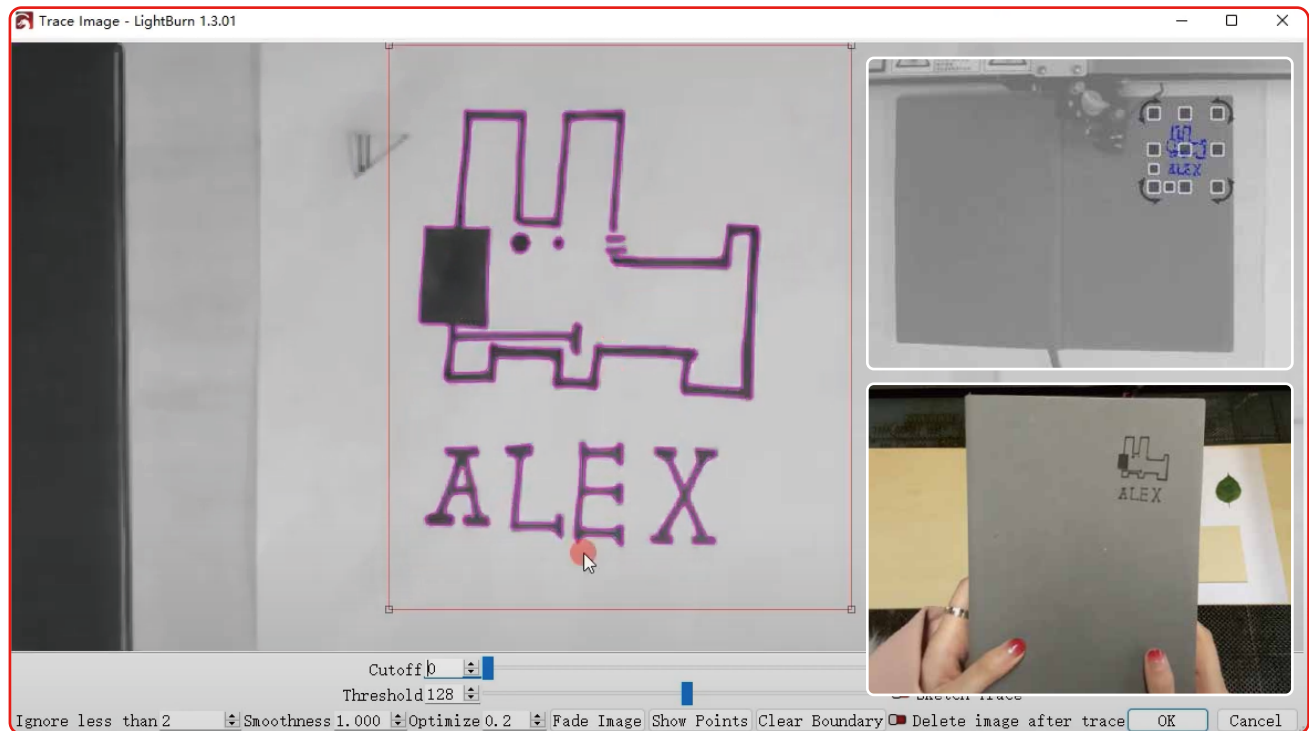
A fully sealed linear guide protects the guide rail and light path from dust, resulting in a significant reduction in maintenance frequency.



High-resolution LightBurn Camera included

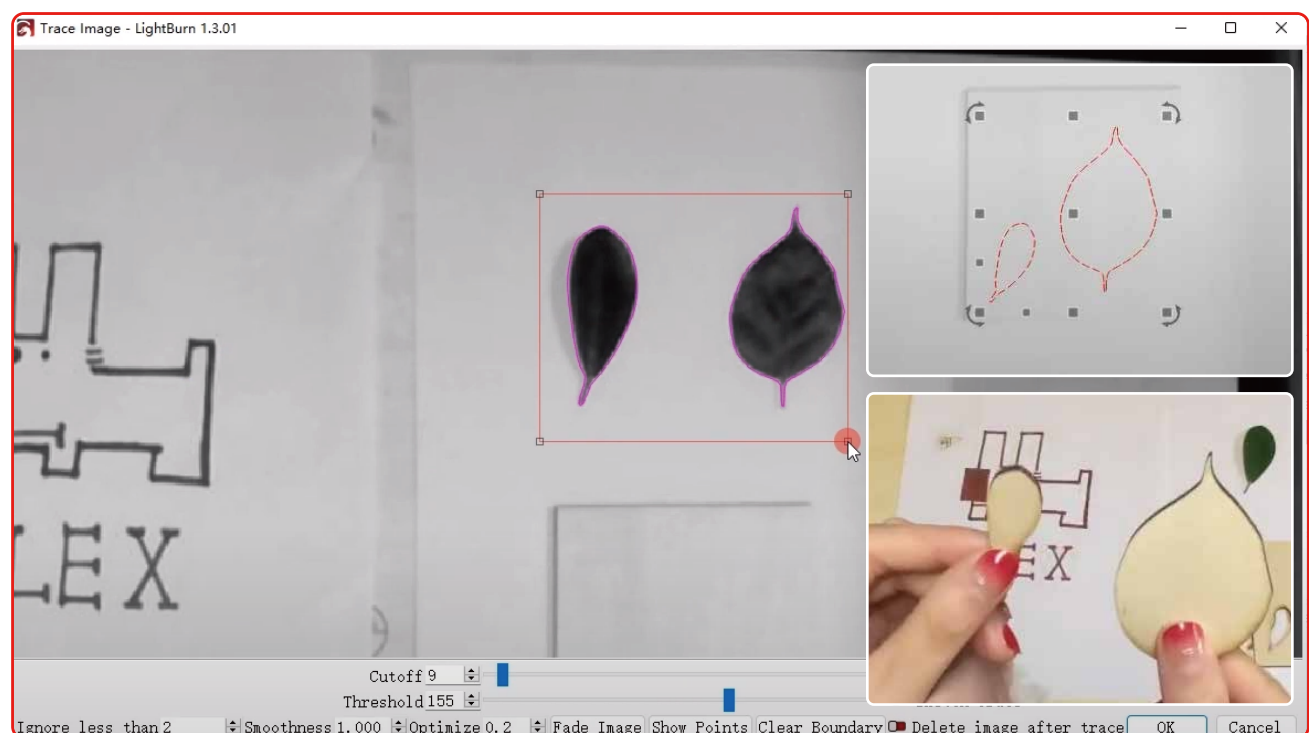
- Easily position your artwork on the workpiece.

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



- Trace the shape feature

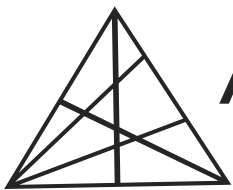
Utilize the LightBurn camera to capture a shape or a marker pen drawing, and with customizable trace features, instantly convert it into a cutting or engraving vector file.



WHICH ONE SUITS YOU

MIRA 9S (900*600mm)
MIRA 7S (700*500mm)
MIRA 5S (500*300mm)
Working area (mm)

Parameters	Model	MIRA5 S	MIRA7 S	MIRA9 S
Working Scope	Working Area (mm)	500*300mm	700*500mm	900*600mm
	Z Axis Lifting Space	140mm	140mm	150mm
	Max Lifting Capacity	15KG	25KG	25KG
Laser Tube	Laser Tube Power	Glass: 45W/60W RF: 30W/60W	Glass: 60W/80W/90W RF: 30W/60W	Glass: 60W/80W/90W/100W RF: 30W/60W
Motion system	Max Engraving Speed	3500mm/s (RF) 1200mm/s (Glass)	4000mm/s (RF) 1200mm/s (Glass)	4000mm/s (RF) 1200mm/s (Glass)
	Acceleration	8G (RF) 5G (Glass)	8G (RF) 5G (Glass)	8G (RF) 5G (Glass)
	Motor	AC Servo (RF) DC Stepper (Glass)	AC Servo (RF) DC Stepper (Glass)	AC Servo (RF) DC Stepper (Glass)
Accuracy	Minimum Font Size(RF Tube)	1.0x1.0mm	1.0x1.0mm	1.0x1.0mm
	Positioning Accuracy	<=0.1mm	<=0.1mm	<=0.1mm
Configuration	Working Table	Honeycomb + Blade table	Honeycomb + Blade table	Honeycomb + Blade table
	Cooling system	Glass: Built-in 3000 chiller RF: Air-cooled	Glass: Built-in 3000 chiller RF: Air-cooled	Glass: Built-in 5000 chiller RF: Air-cooled
	Fume Exhaust Fan	Built-in inline 60W	Built-in inline 75W	Built-in inline 75W
	Air Assist	Built-in 45W	Built-in 85W	Built-in 85W
	XY axis fully dust-proof	√	√	√
	Auto Focus	√	√	√
	Wireless Connectivity	√	√	√
	Red Dot Positioning	√	√	√
	Material Pass Through Door	√	√	√
	Camera	160° 5 megapixel (2592 x 1944)	90° 5 megapixel (2592 x 1944)	90° 5 megapixel (2592 x 1944)
	Toolless optical system	√	√	√
	Internal Memory	1G	1G	1G
System	Smart Panel (monitoring function)	×	√	√
	Fault alarm and diagnosis	×	√	√
	Operation status light	√	√	√
	Water Flow Protection	√	√	√
	Water Temperature Alarm	×	×	×
	Operating Software	Rdworks/Lighburn(Optional)	Rdworks/Lighburn(Optional)	Rdworks/Lighburn(Optional)
	Compatible Design Software	CorelDraw/Illustrator/AutoCAD	CorelDraw/Illustrator/AutoCAD	CorelDraw/Illustrator/AutoCAD
Safety	Laser Class	Class 1 laser product	Class 1 laser product	Class 1 laser product
	Cover lid interlock	√	√	√
	Side panel lid interlock	√	√	√
	Key lock	√	√	√
Package	Machine Dimension(mm)	900*700*410	1128*945*510	1328*1070*530
	Net Weight (KG)	110	180	220
	Gross Weight(KG)	125	230	290
Optionals	Rotary Clamp/Lightburn Software /Air Purifier			



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