

MIRA7S/MIRA9S  
MIRA7S/MIRA9S Laser Engraver & Cutter

# MIRA 9S

# MIRA 7S

New S-package upgrade for optimal performance



## Main Features

### 主要特点

#### 1. Superior Speed

Max. 2000mm/s(RF) engraving speed, 5G acceleration.

#### 2. Fully enclosed dust-proof guide rail

Not only protects the cleanliness of the motion system, but also effectively isolates the work area and electrical area for comprehensive dust prevention.

#### 3. All-in-one design

Enjoy a tidy workspace with the built-in water chiller, exhaust fan, and air pump.

#### 4. Visualized laser working status

The working status of the laser machine and its main components can be visualized. Brings frequently used functions right to the panel, key parameters such as water temperature, current, air pressure, all can be accessed through the panel.

#### 5. Intelligent detection&diagnosis system

There are warning and automatic diagnostic functions for the laser power, chiller, RF tube, and other components in case of abnormal status.

#### 6. More user-friendly

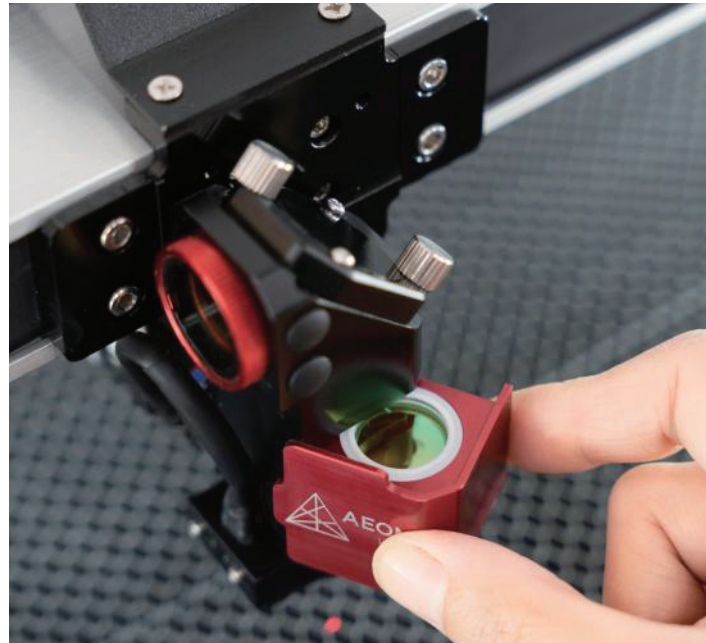
Main functions and parameters can be adjusted from the panel, laser head equipped with quick-remove screw-less design modules, easier & faster to replace lens.

### 7. Class 1 safety level

The fully enclosed design is equipped with lid protection, side door protection, fireproof glass cover, and machine safety switch, making it also suitable for educational institutions such as schools.

8. Double lifting working tables and a material pass-through door provide more options for material thickness and size.

9. Add-ons are available to meet various application requirements, such as LightBurn software and camera, air filter, support table, rotary and more.



Magnetic suction design, cleaning and changing mirrors is more convenient

Whole optical path and guide rail clean pack design.



## Specification 配置规格

Model	MIRA 7S	MIRA 9S
Working Area	700*500mm	900*600mm
Machine Size	1106*883*543mm	1306*1037*555mm
Laser Tube	40W/60W/75W/80W   RF30W/60W	60W/75W/80W/90W/100W/RF30W/RF60W
Z axis lifting space	140mm Adjustable	150mm Adjustable
Machine Net Weight	140Kg	175Kg
Machine Packing Weight	225Kg	285Kg
Packing Size	1220*1040*750mm	1620*1150*770mm
Input Voltage	220V AC Single Phase 50Hz/60Hz, Optional for 110V AC Single Phase 60Hz	
Rated Power	2600W	
Max Engraving Speed	2000mm/s(RF), 1200mm/s(glass tube)	
Acceleration Speed	5G	
Max Cutting Speed	500mm/Second	
Laser Power Control	1-100% Set by Software	
Minimum Engraving Size	Chinese Character 2.0mm*2.0mm, English Letter 1.0mm*1.0mm	
Locating Precision	<=0.01	
Cutting Thickness	0-20mm(depends on different materials )	
Engraving Software	RDWorks/LightBurn	
Graphic Format Supported	DSP/PLT/BMP/DXF/AI/DWJ etc.	
Compatible Software	CorelDraw/Photoshop/AutoCAD/All kinds of Embroidery Software	
Worktabke	Honeycomb + Aluminum bar table	
Auto Focus	Optional	
Red Dot Positioning	With	
Rotary Device	Optional	
Built-in WIFI	Optional	