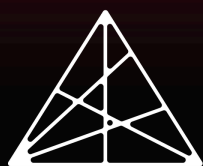




MIRA 5S - 30W RF



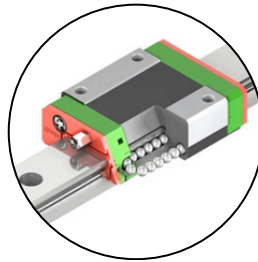
AEON
Laser USA

MIRA 5S REDLINE Series CO2 Laser Cutter & Engraving Machine

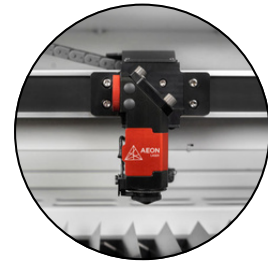
features:



8G ACCELERATION



HIWIN LINEAR RAILS



LIGHTWEIGHT LASER HEAD



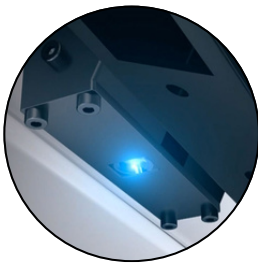
ROBUST FRAME



ALL-IN-ONE DESIGN



MODULAR TUBE DOCKING



HIGH-RESOLUTION CAMERA

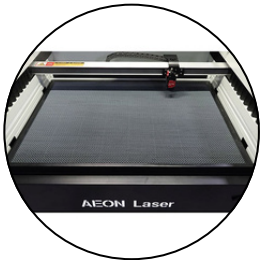


INTEGRATED AUTOFOCUS



MATERIAL PASS THROUGH

The AEON MIRA 5S with a 30W CO₂ metal RF tube laser delivers exceptional engraving precision and speed in a compact desktop platform. Its RF technology provides finer detail, longer tube life, and consistent performance, making it ideal for high-quality engraving on acrylic, wood, leather, and other non-metal materials.



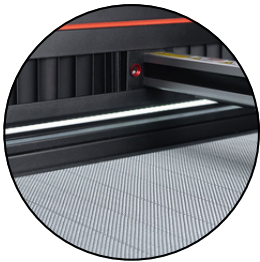
SUPER BRIGHT WORK AREA



STATUS LIGHT



INTUITIVE LCD DISPLAY



SAFE-GUARDED OPTICS



SAFE-GUARDED LASER HEAD



BULLSEYE LEVELING GAUGE



**TOOLLESS MAINTENANCE
TUBE REPLACEMENTS**



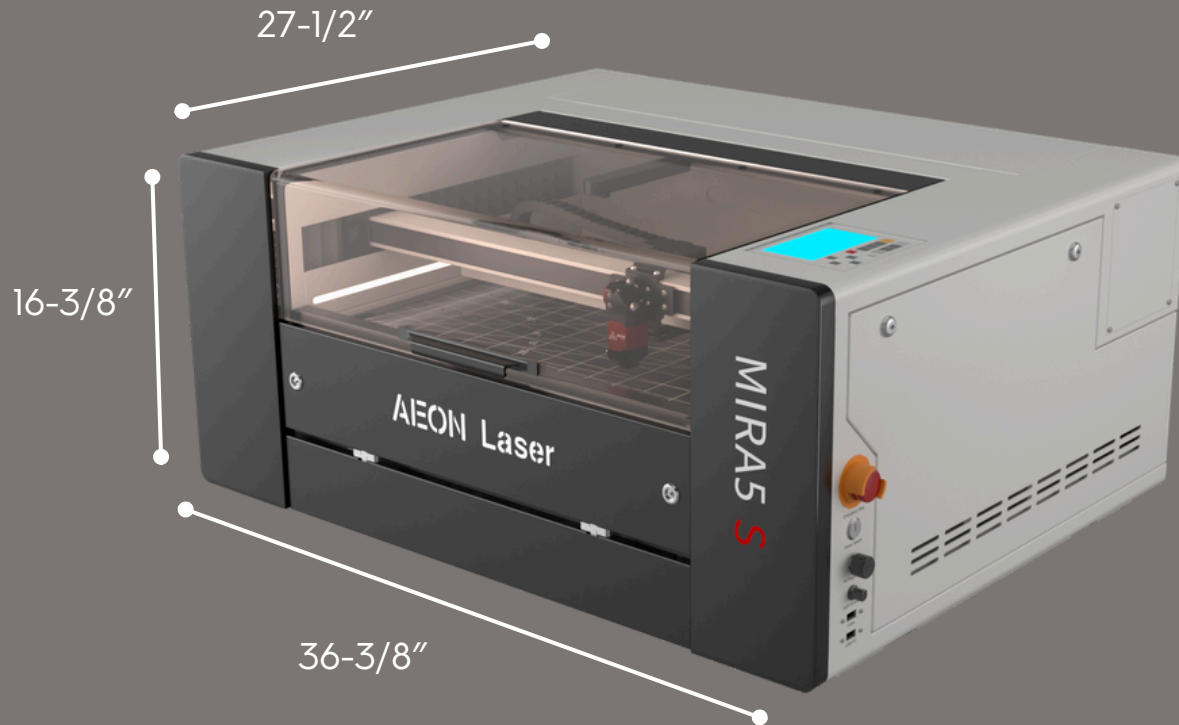
**TOOLLESS MAINTENANCE
MIRRORS**



**TOOLLESS MAINTENANCE
LENS CARTRIDGES**

MIRA 5S

Measurements



Machine Dimensions

W 36-3/8" x D 27-1/2" x H 16-3/8"

Z-Axis Max Bed Travel

5-1/2"

Working Area

19-3/4" x 11-3/4"

Shipping Dimensions

W 39-3/8" x D 22-7/8" x H 31-1/2"

Machine Weight

220 lbs.

Machine Weight + Crate

291 lbs.

MIRA 5S - 30W RF

LASER SOURCES	
Metal RF CO ₂ Tube	30W CO ₂ RF Tube (Davi)
Cooling Method CO ₂ Tube	Air

MOTION & PRECISION	
Motors	AC Servos
Guide Rails	Hiwin Linear Rails
Max Acceleration	8G
Max Speed	4200 mm/s
Minimum Font Size	1.0 x 1.0mm
Positioning Accuracy Max	<=0.01mm
Scanning Precision Max	2000 DPI
Red Dot Positioning	✓
Autofocus	Integrated
Wireless Remote Control	Optional

COOLING, AIR ASSIST & VENTILATION	
Fume Exhaust Fan	Built-in 75W, 4" Dia. Axial Inline Fan
Air Assist	Integrated
Compressed Air	Optional External
Smart Air Solenoid Valve	✓

WORK TABLE	
Downdraft Ventilation	✓
Blade Table	✓
Honeycomb Table	✓
Material Collection Tray	✓
Material Pass Through Door	1.5" Height
Table Lifting Capacity	44lbs

POWER REQUIREMENTS	
Voltage/Frequency	120v/60Hz
Amperage	15A
Rated Power Draw	500W

MIRA 5S - 30W RF

CONTROL & SOFTWARE	
Control Panel	5" Keypad & LCD display
Memory Capacity	1 GB
Lightburn Software	Included (\$199 Value)
Wifi Data Transfer	Integrated
Operating System	Windows & Mac
Supported File Formats	AI/PDF/DXF/PLT/SVG/DXF/SC/BMP/JPEG/JPG/PNG/GIF/ TIFF/TIF/TGA

OPTICS	
Toolless Mirror Change	✓
Magnetic Lens Cartridge	✓
Isolated Optics	✓
2" Lens	Standard
2.5" Lens	Optional
4" Lens	Optional
Mirror Sizes	φ 25mm (x3)
Beam Combiner	φ 25mm
Window	φ 20mm

SAFETY	
Safety Level	Class 1
Smart Monitoring	✓
Optics Temperature Alarm	✓
Diagnostic Log	✓
LED Status Light	✓
Lid Interlock	✓
Side Panel Interlocks Water	✓
Flow Protection Water	✓
Temperature Alarm	✓

ADD-ONS	
Rotary	Optional
Fume Extractor	Optional

WARRANTY & SUPPORT	
2 Year	Included (www.aeonlaser.us/warranty)
4 Year	Optional



📍 205 COASTAL LANE, UNIT 1105, WEST MELBOURNE, FL 32904 📞 321-260-2325

WWW.AEONLASER.US