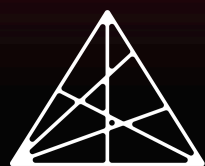




MIRA 7S - 60W DC



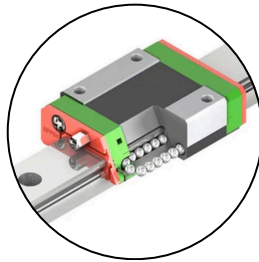
AEON
Laser USA

MIRA 7S REDLINE Series CO2 Laser Cutter & Engraving Machine

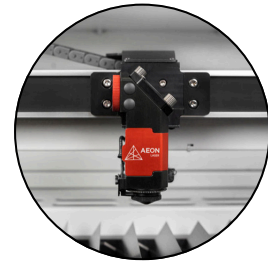
features:



5G ACCELERATION



HIWIN LINEAR RAILS



LIGHTWEIGHT LASER HEAD



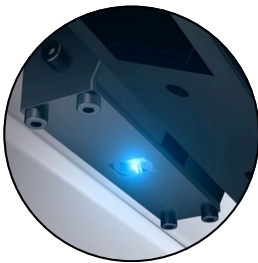
ROBUST FRAME



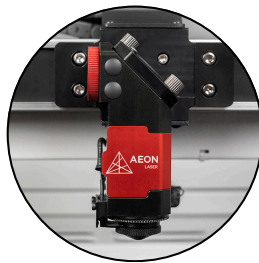
ALL-IN-ONE DESIGN



MODULAR TUBE DOCKING



HIGH-RESOLUTION CAMERA

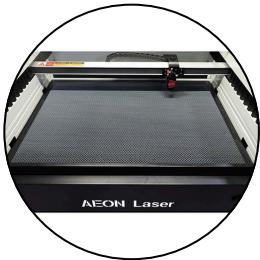


INTEGRATED AUTOFOCUS



MATERIAL PASS THROUGH

The Aeon Redline Series is designed to maximize profits with its primary focus on increasing efficiency, versatility and ease of use, while simultaneously reducing downtime and overall maintenance.



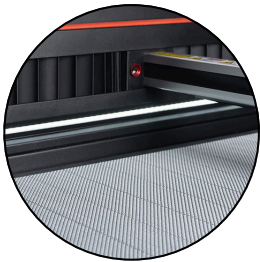
SUPER BRIGHT WORK AREA



STATUS LIGHT



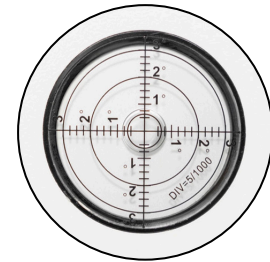
INTUITIVE LCD DISPLAY



SAFE-GUARDED OPTICS



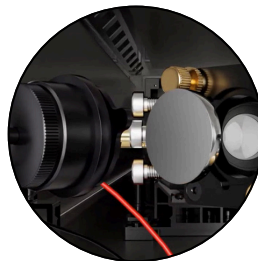
SAFE-GUARDED LASER HEAD



BULLSEYE LEVELING GAUGE



**TOOLLESS MAINTENANCE
TUBE REPLACEMENTS**



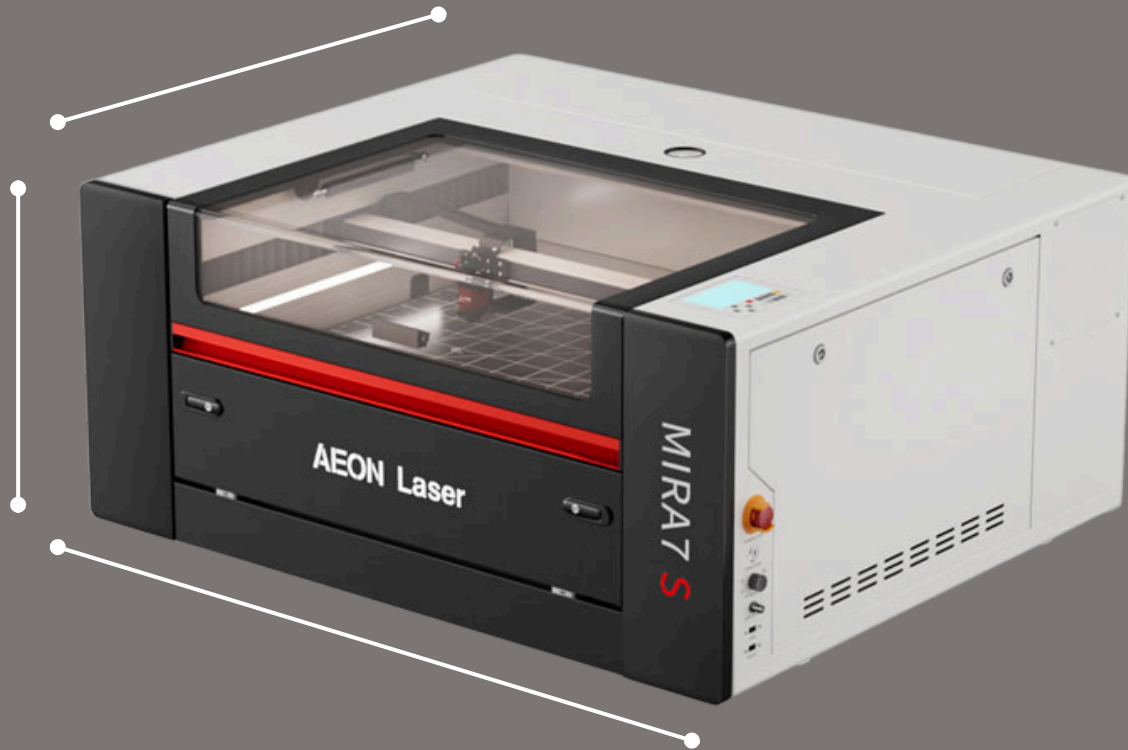
**TOOLLESS MAINTENANCE
MIRRORS**



**TOOLLESS MAINTENANCE
LENS CARTRIDGES**

MIRA 7S

Measurements



Machine Dimensions
W 82-11/16" x D 59-1/16" x H 43-1/2"

Shipping Dimensions
W 85-7/8" x D 62-9/16" x H 48-1/4"

Z-Axis Max Bed Travel
7-7/8"

Machine Weight
1593 lbs.

Working Area
39-3/8" x 63"

Machine Weight + Crate
1681 lbs.

MIRA 7S - 60W DC

LASER SOURCES	
Glass CO ₂ Tube	60W CO ₂ Glass Tube (JOI)
Cooling Method Glass CO ₂ Tube	Water

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	Included

COOLING, AIR ASSIST & VENTILATION	
Water Chiller	Built-in S&A 5200 Fan Cooled Chiller
Fume Exhaust Fan	Built-in 450W, 6" Dia. Axial
Air Assist	Integrated
Built-In Air Compressor	Included 13 Gallon Tank
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	250lbs

POWER REQUIREMENTS	
Voltage/Frequency	120v/60Hz
Amperage	20A Dedicated Circuit
Rated Power Draw	3,600W

MIRA 7S - 60W DC

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	Optional
2.5" Lens	Standard
4" Lens	Optional
Mirror Sizes	φ 25mm (x4)
Beam Combiner Protective	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  321-821-7774

WWW.AEONLASER.US