






This innovative new design concept was designed by Aeon from the ground up. The Aeon Mira 5 emanates a striking and professional appearance. The aim was to make the machine relatively compact so that it can be installed just about anywhere, without compromising the integrity of the machine by filling it with plastic components. This full metal jacket is rigid enough to withstand the abuse of continuous usage, yet light enough to still be transported easily from one location to the next.


The Aeon Mira 5 features roughly a 12" x 20" (300mm x 500mm) workspace and comes standard with a motorized table capable of a 4-3/4" (100mm) range of motion to aid with incorporating bulkier items or a rotary device. Couple that with a hinged pass-through for introducing oversized items, along with a honeycomb table for use with cutting applications, and you'll quickly see why the Mira 5 is the perfect solution for hobbyist, startups and small businesses.





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**Clean Pack Design:** Our unique linear motion design utilizes the drive belts themselves to enclose the linear rails and bearing blocks so that they are protected from smoke and debris and can continue to operate without frequent maintenance or repairs.
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**Fastest in its Class:** Thanks to Aeon's featherweight laser head design and high speed digital stepper motors, the Mira can achieve 5G of acceleration resulting in scan speeds of up to 1200 mm/sec and cutting speeds of up to 680 mm/sec.
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**All-In-One System:** If space is of concern, you'll be pleased to know that Aeon is the first in the laser industry to offer an all-In-one solution comprised of an integrated water cooling system, exhaust fan and air assist pump so that no extra space is needed for ancillary components.
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**Smart Rotary Device:** Engrave cylindrical items with either a rotary chuck or a roller rotary and enjoy a painless transition between flat engraving and rotary engraving, thanks to an auto sensing rotary port.
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**Multiple Interfaces:** Easily send jobs from your PC or Mac via USB, Ethernet or WiFi. There is even 256 MB of onboard memory built right into the controller for storing popular jobs, or you can even run programs straight from a USB Flash Drive.
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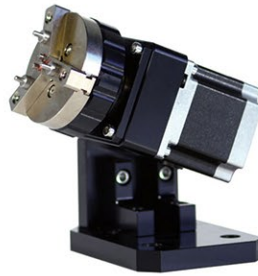
**Software:** Quickly recall or layout simple designs with the included RDWorks software or upgrade to LightBurn for an enhanced user experience. For those already familiar with graphic design, simply import graphics directly from CorelDraw, AutoCAD and Illustrator via the handy plugins.
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**Red Dot Pointer:** Mirror alignment has never been easier thanks to an inline beam combiner that also serves as an accurate red dot pointer. This visual aid eliminates any guesswork by allowing you to place items inside the machine and quickly position them for accuracy.



**Roller Rotary**

Expand your capabilities with this versatile roller rotary device. Perfect for engraving bottles, champagne flutes, wine glasses, etc.



**Rotary Chuck**

The more precise way of handling cylindrical items is with this 3 jaw rotary chuck. Clamp any item up to 3.14" (80mm) in diameter and rotate it for 360 degree engraving.



**Stand**

Not just any old table will do. The R&D team put their signature on this sleek modern looking stand that is also on wheels for added convenience.



**Fume Extractor**

For setups in public places or in areas with limited access to the outdoors, this 4-stage fume extractor also makes a nice base for your Mira.



**Remote Control**

Programming is a breeze with our advanced DSP digital control system or an optional wireless remote that puts all of the controls right in the palm of your hand.



**Camera**

Get a bird's eye view of your workspace right on your computer screen for quick and accurate placement of your design, so that you don't have to measure (Lightburn upgrade required).

SPECS	DESCRIPTION	OPTIONAL
Workspace	11-7/8" x 19-5/8" (300mm x 500mm)	
Wattage Options	40W Premium CO2 Glass Tube	50W Premium CO2 Glass Tube / 30W (Chinese RF)
Machine Weight	265 lbs. (120kg)	
Driving System	High Speed Digital Stepper Motors	
Engraving Speed	0-1200mm/sec	
Cutting Speed	0-680mm/sec	
Z-Axis Travel	4-3/4" (120mm)	
Cutting Thickness	0-20mm (depend on different material)	
Max Acceleration Speed	5G	
Air Assist	18W Built-In Air Pump	
Cooling	34W Built-In Water Pump	
Blower	45W Built-In Blower	
Add-ons	Auto Focus Sensor, WiFi, Rotary Device, Stand, Fume Extractor, Wireless Remote	
Support	All Aeon lasers are backed by a 2 year factory warranty and our Lifeline Plus care plan, which includes remote startup training and unlimited US based phone support.	