Full Spectrum LASER

Muse Series Desktop Laser System

Muse Desktop Laser at a glance
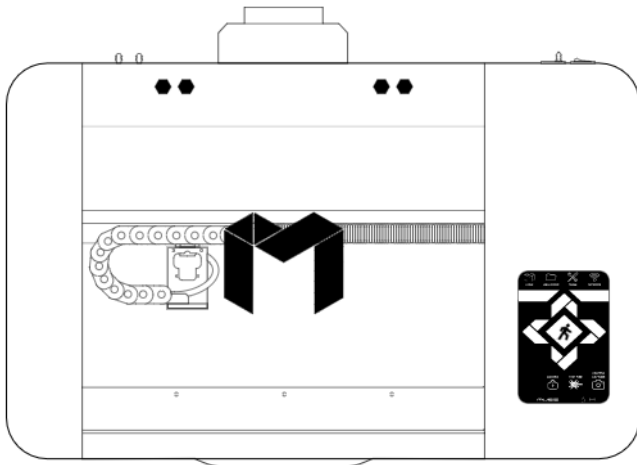
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Standard Laser Tube:	40W CO2
Laser Tube Upgrades:	45W CO2
X-Y Working Area:	20" x 12"
Working Z-Height:	2.5"
Removable Floor:	Yes
Rotary Available:	Yes
Power Requirements:	120V AC
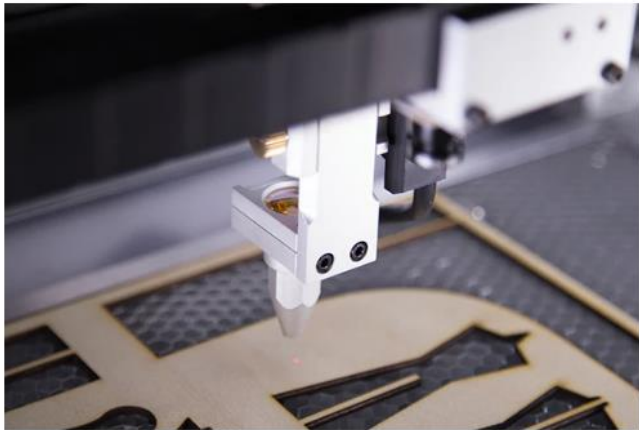
Key Features

- Patented Removable floor to engrave on material larger than the internal work area
- RetinaEngrave v3.0 self-hosted browser-based laser control and design software (still operates without live Internet connection)
- Intel RealSense™ 3D Camera option 3D scans every pixel for precision XY and focus position
- Motorized Real-time Autofocus option for curved objects
- Sleek onboard LCD touchscreen control
- Cuts up to 1/4 inch material
- Engraves up to 1000 dpi resolution
- Optional accessories like the rotary and riser engrave on rounded or larger objects

Motorized Real-time Autofocus (Optional)

Streaming real-time 3D camera depth data allow automatic Z height adjustments while the job is running to respond to dynamic focusing while the job is running. Stay in focus even on curved surfaces and when surfaces are dynamically changing/warping during a job. In addition, a clever mechanical sensor built into the laser head itself provides backup height data when 3D camera data is unavailable.
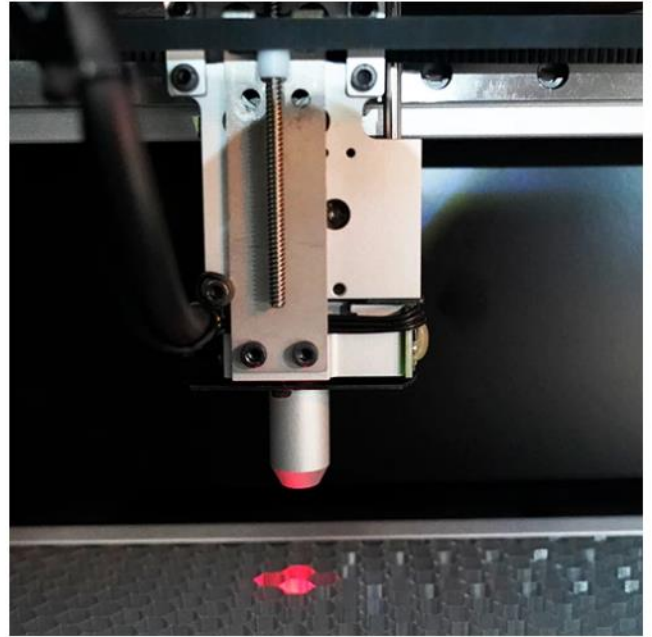
Intel RealSense™ 3D Camera (Optional)

2D camera technology can only be used for flat surfaces and cannot compensate for curved or warped surfaces or varying heights. Muse 3D Vision with Autofocus utilizes Intel's 3D RealSense technology to accurately map millions of 3D data points. Engrave or cut on variable material heights in a single job, including curved surfaces.

Watch your jobs on mobile devices and more! A live view of the camera is available on the touchscreen, within RE3 and on mobile devices.

The Best Laser Control Software on the Market!

The powerful, easy-to-use RetinaEngrave v3.0 software lives right on your laser and is accessed using your favorite web browser and operating system. Simply input the IP address of your machine into your browser address bar and you are ready to go. Best part? There's nothing to download, ever.

Welcome to the future of laser control & design software!

Cutting Technology

Muse is the laser cutter micro-manufacturers and creative makers have been waiting for, and you can have it today. From creating original art to replicating pieces for rapid construction, Muse offers the best innovative technology on the market.

Marking Technology

Mark material using quick pulses of the laser to create sharp images from pictures or original art.

3D Engraving Technology

Muse takes engraving to a whole new level, creating pieces of amazing craftsmanship with simulating 3D effects.
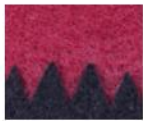
Wood

Easy to obtain, wood perfectly demonstrates the simple beauty and versatility of what a laser cutter can do.

Acrylic

Open your design possibilities with all the colors of the rainbow using acrylic in your projects.

Fabric

Cut patterns in a flash to create costumes, plush toys, special banners and even clothing.

Leather

Customize leather goods and clothing with personalized engravings. Create unique belts, holsters, backpacks and more.

Paper

Take your artistic skills to a new level, cutting paper with speed and precision to create delicate designs. Best in industry vector control algorithms cuts or scores paper with no burn marks.

Cardboard

Never underestimate the value of cardboard to create prototype designs and low-cost products.