



Laser Safety Tips

Laser engravers are a fantastic tool to have in your shop. They offer you the ability to fine, detailed engraving on a variety of substrates. But as with any piece of machinery, there are some precautions you should take to keep everyone in your shop safe. Here are some general safety tips for operating your laser (as always, please consult your laser manufacturer for instructions specific to your laser).

- Room temperature should be between 60° and 80° F.
- Keep the area free of vibrations, loud continuous noise levels and high humidity.
- Have two high-quality surge protectors on hand.
- Keep the area relatively free of dust.
- Make sure you have proper ventilation and an exhaust system that meets the minimum requirements of the laser manufacturer.
- Vent to the outside when possible. Internal filter systems can become clogged from mist and fumes.
- Although lasers cut with light, you should keep a fire extinguisher near by.
- For a 25-watt laser, most manufacturers recommend a 115 volt, 15 amp power supply.
- Clean and service your laser regularly according to the manufacturers recommendations.

Keep your employees aware of the hazards of working with a laser and how to avoid them. A well-maintained laser will provide you with many years of useful service.