



Panasonic®

Custom Laser Marking Machines

ODIZ Safety LLC strives to provide "Safety Through Innovation!"
ODIZ focuses on eliminating industrial safety hazards with electro-mechanical automation, while generating productivity gains and costs avoidance for American businesses.

MACHINE AND LASER SAFETY ROADMAP

Laser marking is a permanent process that uses a beam of concentrated light to create a long-lasting mark on a surface. This concentrated beam targets only a specified area, allowing the laser marking machine to create precise, high-quality, high-contrast marks that are easy to read or scan on virtually any surface. Typically performed with a fiber, pulsed, continuous wave, green, or UV laser machine, laser marking encompasses a wide variety of applications.



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APPLICATION PROCESS

Applicants will answer preliminary questions to help Odiz understand your needs and design an effective solution.

- Do you have any existing laser marking machines?
- What type of material are you marking?
- What's the maximum allowable marking time?
- What size is the marking window?
- Are there any 2D Bar codes?
- Are there any integration considerations?
- What is the work environment?
- Has a laser safety assessment been completed?



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LASER SELECTION

POWERED BY: **Panasonic**

Odiz will work with you to select the appropriate laser for your application. We offer FAYB (Fiber) lasers and CO2 lasers.

FAYB (Fiber) Lasers:

- LP-RV
- LP-RF
- LP-Z
- LP-M
- LP-S

Co2 Lasers:

- LP300
- LP400



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LASER SAFETY PROGRAM SUPPORT

Odiz provides multiple laser safety services to ensure all laser risks are controlled and your site personnel are protected from potential laser hazards.

- Safety Assessments (per ANSI/IEC)
- Audits
- Maximum Permissible Exposure (MPEs), Optical Density (OD) and Nominal Hazard Zone (NHZ), determinations for control measures & Laser Controlled Areas (LCAs)
- Laser classification/reclassification
- Training of Operators and Supervisors
- Site Laser Safety Program Implementation
- Laser Specific Safety Operational Procedures
- Exposure monitoring and control from Laser Generated Air Contaminants (LGACs)



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ENGINEERED TURNKEY SOLUTIONS

Lasers will integrate seamlessly into your systems to create an array of solutions. Below you will find common designs for lasers.

- Base Model Machines
- Custom Machines
- Part Vision Systems
- XY Table
- XYZ Table
- Rotary Shuttle Tables
- Robotic Integration
- FDA Certification
- Fume Extraction

CONTACT US

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