

## Precision, Speed, and Reliability for Industrial Marking

EMP Galvo Lasers are engineered to provide top-notch speed and accuracy for high-precision marking, engraving, and etching on a variety of materials. Known for their rapid processing capabilities, EMP Galvo Lasers meet the demands of high-volume production environments with unparalleled efficiency and minimal downtime. These lasers are ideal for creating permanent marks on metals, plastics, and more, making them the preferred choice for industries that require fast, clear, and durable results.



### KEY FEATURES

#### Unmatched Speed & Efficiency

**High-Speed Marking** : Galvanometric (Galvo) technology allows EMP lasers to perform at rapid speeds, reducing cycle times and increasing throughput for busy production lines.

**Optimized for Volume** : Perfect for applications that demand fast turnaround, EMP Galvo Lasers can complete detailed markings in a fraction of the time of traditional laser systems.

#### Versatile Applications

**Multi-Material Compatibility** : Easily marks stainless steel, aluminum, brass, titanium, as well as non-metals like plastics, leatherette and ceramics.

**Industries Served** : Widely used in automotive, electronics, medical devices, aerospace, and manufacturing sectors.

#### Precision Marking & Etching

**Accuracy & Detail** : EMP Galvo Lasers provide fine detail and high precision, perfect for intricate designs, serial numbers, barcodes, logos, and more.

**Permanent Results** : Designed to create marks that are resistant to fading or wear, ensuring durability on a variety of materials including metals, plastics, ceramics, and more.

#### User-Friendly Design

**Compact & Efficient** : EMP Galvo Lasers are designed to integrate seamlessly into any workspace, with a small footprint that fits even in compact settings.

**Intuitive Controls** : Equipped with Lightburn, allowing for quick setup and straightforward operation.

## SPECIFICATIONS

**Laser Power Options :** 30W, 50W, 60W, 100W

**Marking Area :** 4.4 sq/in, 7.8 sq/in, 11.8 sq/in

**Beam Speed :** 196.85 ips (5000 mm/sec), 275.59 ips (7000 mm/sec)

**Supported Materials :** Metals, plastics, ceramics, leatherette and more

**Software Compatibility :** Works with Lightburn, providing flexibility for various project types.

## APPLICATIONS

**Product Identification :** Serial numbers, QR codes, and barcodes

**Branding :** Company logos and decorative marks

**Medical Devices :** Permanent marking for safety and compliance

**Industrial Parts :** Durable markings for traceability and quality control

## WHY CHOOSE EMP GALVO LASERS?

EMP Galvo Lasers are designed with the needs of modern manufacturers in mind. Their combination of speed, precision, and ease of use makes them a superior solution for marking and etching requirements in any industry. Whether you're marking parts for traceability, branding, or decorative purposes, EMP Galvo Lasers deliver exceptional quality and reliability.



## READY TO INVEST IN SPEED & QUALITY?

Join hundreds of satisfied EMP customers who rely on our technology for high-speed, high-precision marking solutions.

Contact us today to discuss the right EMP Galvo Laser model for your business and learn about our competitive pricing and financing options.