

Production Line Fiber Laser Marking System

This production line fiber laser marking system is designed for high-speed, continuous marking on moving products. The system integrates a fiber laser source, a conveyor belt, and a control unit for precise marking on various materials.



ADDITIONAL IMAGES



Overview

High-Speed Flying Fiber Laser Marking System

This advanced flying fiber laser marking system is engineered for continuous, high-speed marking on production lines. Utilizing a high-precision fiber laser source, it delivers accurate, permanent marks on both metallic and non-metallic materials without the need for consumables. The system features a compact, easy-to-operate design that integrates seamlessly into automated manufacturing environments to boost traceability and identification efficiency.

Performance Metrics

Featured Performance

7000 mm/s
Marking Speed

0.002 mm
Repeat Precision

100000 hours
Max Lifetime

Technical Specifications

Technical Data Table

| Parameter | Specification |
|---------------|------------------------|
| Wavelength | 1064nm |
| Cooling Mode | Air cooling |
| Working Area | 110x110mm |
| Output Power | 20W / 30W / 50W / 100W |
| Communication | USB |

Certifications

CE, FDA

Operational Details

Compatible Materials

- Metals (Gold, Silver, Brass, Steel, Aluminum, Iron)
- Plastics (PET, HDPE, PP, ABS, PC, PPS, PVC)
- Rubber, Resin, and Nylon

Marking Formats

Graphics • Text • Barcodes • QR Codes • Dates