

# Industrial Laser Markers

## FL SERIES FIBER LASER – OEM

The latest industrial-grade fiber laser marking and engraving technology provides reliable performance, fast cycle times, and outstanding flexibility to fit any manufacturing environment – from standalone workstations to inline integration.

FL Series laser markers are available with 20 to 100-watt laser sources to support precise, repeatable, high-contrast, non-contact marking of metals, alloys, and most plastics and polymers. Every system ships with powerful, easy-to-use Windows software that makes barcode generation, serialization, and other advanced functions a breeze.

These dependable OEM components are designed for easy integration into robotic cells, production lines, and other highly engineered solutions to support modern manufacturing requirements.



#### 4i CLASS 4 WORKSTATION

*Shown with programmable Z-axis  
and optional rotary axis*



## Open Laser Marking Workstation

### FL SERIES FIBER LASER – CLASS 4

Pairing an FL Series marking laser with a column and base is an economical path to bringing laser capabilities to your facility.

A Class 4 fiber laser marker allows you to engrave both small and large parts without the limitations of a cabinet. This open-style architecture provides the greatest flexibility and is more affordable than a system with a Class 1 safety cabinet, often with a smaller footprint. It offers total 360° access and easy viewing of the part being marked.

- 20 to 100-watt laser sources with a variety of lens upgrades to create marking windows of up to 9" x 9".
- Manual or programmable Z-axis, programmable X-Y tables, and rotary D-axis for marking round parts.
- Custom configurations for taller parts, larger base plates, and marking window sizes.

# Marking & Engraving Workstation

## FL SERIES FIBER LASER – CLASS 1

Enclosing an FL Series laser marker in a cabinet sets you up for safe, OSHA-compliant marking – even in highly trafficked areas of your facility.

Our industrial-grade CDRH Class 1 cabinets are available in three standard sizes with up to 100 watts of laser power for the most demanding applications. Cabinets feature interlocked safety doors and laser-safe viewing windows.

- 20 to 100-watt laser sources with a variety of lens upgrades to create marking windows of up to 9” x 9”.
- Manual or programmable Z-axis, programmable X-Y tables, and rotary D-axis for marking round parts.
- Custom enclosures are available for special applications that require larger cabinet sizes.



### STANDARD CABINET SIZES (W X D X H)

<b>200i</b>	15” x 14.8” x 18”	<b>300i</b>	25” x 29.5” x 34.5”	<b>400i</b>	36.6” x 30” x 40.6”
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