

# FIBERCUBE® INDUSTRIAL MARKING+ENGRAVING SYSTEM

3803 Series



## ★ HIGHLIGHTS

- ✓ Robust, Class 1 Enclosure
  - ✓ High Performance MOPA Engine
  - ✓ Easy to use StarFX® Premier Software
  - ✓ Highly Flexible Workstation
  - ✓ 20-100 Watt Models
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- ★ Maintenance Free FiberStar MOPA Engine
  - ★ Robust Industrial Class 1 Safety Enclosure
  - ★ Digital Hi-Speed Scanhead
  - ★ Programmable Z Axis; Optional X Axis and Y Axis
  - ★ StarFX® Premier Design Studio Software
  - ★ Air-Cooled, Compact, Easy Access System
  - ★ Integrated Industrial Laptop and Swing Arm
  - ★ Removable Side Panels
  - ★ VisionFX™ Camera System Compatible



- ✓ Large Batch Industrial Part Marking
- ✓ Firearms Deep Engraving (Pistols & Rifles)
- ✓ Automotive Engraving (Parts & Displays)
- ✓ Electronics & Sensors Industrial Components
- ✓ Medical Devices & Implant Traceable Marks
- ✓ Advanced Color Marking on Many Materials
- ✓ Jewelry Custom Deep Engraving & Cutting



**LASERSTAR**  
**ACADEMY™**

Our education courses are designed to provide you with a solid foundation of fundamental laser skill sets to immediately gain a revenue impact with your new laser device.

[LaserStarAcademy.com](http://LaserStarAcademy.com)

Technical Specifications at [www.LaserStar.net](http://www.LaserStar.net)

<b>Platform</b>	Class 1 Safety Enclosure
<b>Laser Engine</b>	MOPA Pulse Fiber Laser
<b>Wavelength</b>	1064 nm
<b>Pulse Frequency</b>	Up to 4000 kHz (Model Dependent)
<b>Output Power</b>	20 - 100 Watts
<b>Focusing Optics</b>	100, 163 , 254 (mm*)
<b>Cooling Capacity</b>	Fully air cooled, heat-sink
<b>Programmable Axis</b>	Programmable Z Axis; Optional XY Table
<b>Software</b>	StarFX <sup>®</sup> Premier Design Studio
<b>Footprint Dimensions (without Alert Pole)</b>	38"L x 37"W x 76"H / 95cm x 92cm x 192cm
<b>Supply Circuit</b>	110 - 230 V (± 10%) 16 A, 50/60Hz
<b>Laser Safety Compliance</b>	FDA (CDRH), CSA, CE
<b>Country of Origin</b>	Designed, Engineered & Built in USA

\*Additional F-Theta Flat Field Lenses available upon request

The 3803 FiberCube<sup>®</sup> Marking+Engraving Industrial System is a large, turnkey marking and engraving system that offers the benefits of a non-contact, abrasion-resistant, permanent laser mark or engraving onto almost any type of material. These laser engraving systems offer the speed, reliability and flexibility required to meet stringent quality control and process certification standard and include an extra large workspace for engraving larger parts.

FiberCube<sup>®</sup> Industrial Marking+Engraving Systems are ideal for a wide range of applications including flat surfaces advanced integrated XYZ motion for step-and-repeat laser marking, or coordinated rotary motion for seamlessly laser engraving around a circumference.



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