

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

- ★ 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



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Our online laser academy and training courses are designed to provide you with a solid foundation of fundamental system operation skill sets.

www.LaserStarAcademy.com

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

*Additional F-Theta Flat Field Lenses available upon request

The 3803 FiberCube® 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® 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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FLORIDA (HQ)

2461 Orlando Central Parkway
Orlando, Florida 32809 USA
407-248-1142 Fax: 866-708-5274
Email: sales@laserstar.net



LASERSTARACADEMY.NET

RHODE ISLAND

100 Jefferson Boulevard, Suite 315
Warwick, Rhode Island 02888 USA
407-248-1142 Fax: 866-516-3043
Email: sales@laserstar.net



LASERSTAR.TV

CALIFORNIA

20 East Foothill Boulevard, Suite 128
Arcadia, California 91006 USA
407-248-1142 Fax: 866-347-0934
Email: sales@laserstar.net

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