

# FIBERCUBE® INDUSTRIAL MARKING+ENGRAVING SYSTEM

3805 Series



## ★ HIGHLIGHTS

- ✓ Robust, Industrial Design
- ✓ High Performance MOPA Engine
- ✓ Includes Easy to Use StarFX® Premier Software
- ✓ Class 1 Enclosure
- ✓ 20-100 Watt Models

- ★ Industrial Workstation for Small & Large Parts, Various Fixtures, and Motion Devices
- ★ Excellent Solution for Marking most Metals, Carbide, Coated Parts, Plastics, etc.
- ★ Programmable X, Y, Z Axis Provides Optimal Coverage of 24" x 30" T-Slot Work Area
- ★ Removable Side Panels Allow Easy Access to Work Chamber & System Components
- ★ Integrated PC with Keyboard, Monitor, & Mouse on Robust Swing Arm
- ★ Maintenance Free MOPA Fiber Engine and Digital Hi-Speed Scanhead
- ★ Control Panel Includes StarFX Premier Operator Digital Interface Screen



- ✓ 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 2000 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>	X Axis / Y Axis / Z Axis
<b>Software</b>	StarFX® Premier Design Studio
<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 **3805 T-30 FiberCube** Industrial Marking+Engraving System is a robust, turnkey industrial laser marking+engraving platform that offers the benefits of a **non-contact, abrasion-resistant, permanent** laser mark, laser engraving, or cut onto almost any type of material.

These Systems offer the **speed, reliability** and **flexibility** required to meet stringent quality control and process certification standard.

FiberCube Laser Marking Systems provide **controllable pulse rates** that can be adjusted from continuous wave to single pulse for deep laser marking, cutting, or fast throughput **thermal mark applications** at up to 200 characters per second.



LASERSTAR.NET



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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



LASERSTARACADMEY.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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