

**FIBERSTAR TOWER CNC WORKSTATION**

3905 Series



### ★ HIGHLIGHTS

- ✓ 3 Axis Coordinated MotionFX® Hardware
- ✓ Advanced MotionFX® Integrated Software
- ✓ VisionFX® Intelligent Camera Technology (Optional)
- ✓ Operating Modes: Manual, CNC, Teach Mode
- ✓ Available in 150, 300 & 600 Watt Models

- ★ **Industrial Workstation for Producing High Quality, Dimensionally Accurate Results**
- ★ **Excellent Solution for Cutting or Welding Most Metal and Industrial Alloys**
- ★ **Programmable 4-Axis (X/Y/Z and optional Rotary) CNC system controller**
- ★ **Closing Door and Smaller Footprint (27.5" x 29" x 75.25") for Seamless Production Floor Integration**
- ★ **Integrated Industrial Strength PC with Keyboard, Touchscreen Monitor, Mouse on Robust Swing Arm**



✓ Medical Devices and Instruments

✓ Aerospace and Electronics

✓ Tool & Die / Mold Repair Maintenance

✓ Prototyping Components

✓ Automotive and Micro Components

✓ Ideal for a Wide Range of Complex Alloys

✓ Silver, Aluminum, Copper, Titanium, etc.



## 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)

# FIBERSTAR CNC WELDING WORKSTATION

## 3905 Series



<b>Platform</b>	WorkStation
<b>Laser Source</b>	FiberStar Engine (Class 4)
<b>Wavelength</b>	1064 nm
<b>Output Power</b>	150, 300, or 600 Watt
<b>Software</b>	Up to 4000 kHz (Model Dependent)
<b>Motion Controller</b>	4 Axis Capable
<b>Laser Head Options</b>	Cutting/Welding Heads with Manual Angle Adjustment and Programmable Tilt Rotary
<b>Overall Dimensions and Weight</b>	699mm x 737mm x 1912mm (27.5" x 29" x 75.25") 700Kg (1550 lbs.)
<b>Linear Drive: Travel X/Y/Z</b>	300mm x 300mm x 150mm 11.8" x 11.8" x 5.9"
<b>Repeat Accuracy per Axis</b>	± 0.01mm
<b>Laser Safety Compliance</b>	FDA (CDRH), CSA, CE
<b>Country of Origin</b>	Designed, Engineered & Built in USA

The FiberStar Tower Laser Machining Center offers a significant competitive advantage for today's marketplace while producing high quality, dimensionally accurate results for a wide range of industrial applications. The state-of-the-art, fully integrated laser source provides excellent beam quality while producing many years of reliable performance.

As a turnkey solution provider, LaserStar's Applications Specialists will evaluate your welding or cutting requirements, define the application goals and objectives, specify and verify the correct technology, and define a complete system configuration to accomplish the desired results.

\* In the interest of technical progress we reserve the right to make technical changes without notice.  
 \*\* Note: The technical specs can vary depending on laser.



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