



## 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
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- ★ 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



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

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.



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