

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, 450 & 600 Watt Models

- ★ **Industrial Workstation for Producing High Quality, Dimensionally Accurate Results**
- ★ **Excellent Solution for Welding Most Metal and Industrial Alloys**
- ★ **XYZ Linear Stages and Rotary with Optional Programmable Tilt**
- ★ **Smaller Footprint 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

Technical Specifications at www.LaserStar.net

Platform	WorkStation
Laser Source	FiberStar Engine (Class 4)
Wavelength	1070 nm
Output Power	150, 300, 450, or 600 Watt
Pulse Frequency	0 Hz (Single-Shot Fire), 0.5-50 Hz
Motion Controller	4 Axis Capable
Laser Head Options	Welding Heads with Variable Spot Size
Overall Dimensions (Closed)	762.1 mm x 1372.5 mm x 2377.8 mm 30" x 54" x 93.61"
Overall Dimensions (Open)	762.1 mm x 1372.5 mm x 2440.3 mm 30" x 54" x 96"
Weight	700 kg (1550 lbs.)
Linear Drive: Travel X/Y/Z	380 mm x 250 mm x 380 mm 15" x 9.8" x 15"
Repeat Accuracy per Axis	±0.01 mm
Laser Safety Compliance	FDA(CDRH), 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 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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