

## FIBERSTAR® CNC IND'L WORKSTATION WITH MOTIONFX®

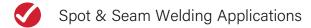
7601 MFX Series



## **HIGHLIGHTS**

- All the Benefits of the 7601 Series
- 3 Axis Coordinated MotionFX® Hardware
- Advanced MotionFX® Integrated Software
- Operating Modes: Manual, CNC, Teach Mode
- ✓ 150 & 300 Watts / Single and Multi-Mode Models
  - ★ All the Benefits of the 7601 Series Workstation
  - **★** Various Microscope Options Available
  - ★ MotionFX® CNC X/Y/Z Integrated System
    - Manual, Semi, & Full Automatic Modes
    - ✓ Teach-Mode Enabled
    - ✓ Joystick with Fire Button Control Logic
    - Programmable Touch Screen Display
    - ✓ High Accuracy X/Y/Z Axis Speed Control
    - Optional Rotary Device
  - **★** Integrated Windows PC with MotionFX™ Software
  - **★** Full Size Automation Chamber







Medical Device Components

Aerospace & Electronics

Micro & Mold Repair Welding

General Purpose Welding Shops

Ideal for a Wide Range of Complex Alloys

Laser Safety Compliance FDA(CDRH), CSA, CE



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

## FIBERSTAR® CNC INDUSTRIAL WORKSTATION WITH MOTIONFX® LASERS

7601 MFX Series



Laser Source	Ytterbium Fiber Engine
Operator Mode	Pulse or Continuous Wave (CW)
Output Power (Watts)	150W / 300W
Pulse Frequency	0.5-50Hz
Spot Size	>25 microns
X-Y-Z Axis Travel	175mm x 100mm x 150mm
Max Load	50kg (110lbs.)
XY Resolution (μm)	12.5 microns
Accuracy (Linear Axis Only)	+/- (25 microns) per 25mm of travel
Speed (mm/sec)	15mm/sec
Software	CNC MotionFX® w/ Teach-Mode & Manual
Joystick	Direct Axis Control, Fire Button
Cooling Capacity	Internal Forced Air / 24hr Continuous Run Time
Shielding Gas/Compress Air	Dual - Integrated "Soft Flow" Nozzle
Weight	Approx. 260lbs. / 118kg
Pedestal Dimensions	37.5"L x 15.8"W x 44"H / 95cm x 40cm x 112cm
Supply Circuit	208-240V, 50/60Hz, Single Phase
Digital Viewing System (DVS)	Contact Sales for Magnification Options
Laser Safety Compliance	FDA (CDRH), CSA, CE

The integrated MotionFX® CNC X/Y/Z Rotary Systems allow the User to benefit from pin-point laser welding accuracy coupled with a highly accurate, multi-axis motion device. The 7601 MFX is designed to perform welding applications in Manual Mode, Semi-Manual Mode, or Full CNC Automation Mode. MotionFX® Software provides a variety of "programmable assist" features to ensure the best results possible.

Dual operator logic allows for system control via the Joystick and/or Multi-Purpose Touch Screen Display. Ideal for a wide range of applications including unique part welding & repair, small batches of parts, process & prototype development, fully automated CNC welding.







LASERSTAR.NET





LASERSTARACADMEY.COM

LASERSTAR.TV

## LASERSTAR TECHNOLOGIES CORPORATION

2461 Orlando Central Parkway Orlando, Florida 32809 USA Phone: +1-407-248-1142 \* Email: sales@laserstar.net