



WELDLOGIC
FORMING & WELDING SOLUTIONS

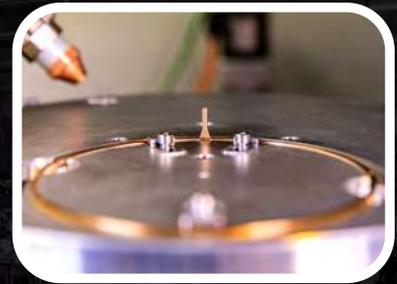
WELDING SOLUTIONS
FOR ADVANCED
MANUFACTURING



**3-AXIS CNC
LASER CELL**

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PLASMA | TIG | LASER | MIG | SUB-ARC

■ **ENGINEERING CHALLENGE**
CHALLENGE ▼

- Build an ultra-precision 3-axis weld cell that enables high accuracy positioning and high accuracy delivery of the correct laser energy based on the position of the Beryllium component.

SOLUTION ▼

- Weldlogic Engineering designed a high accuracy platform using G-code programming to provide the ultimate in positioning precision delivering optimum laser wattage to produce a highly uniform laser weld. This system enables many other part configurations and recipe offer unlimited amount of programming possibilities. *No operator skill required.*

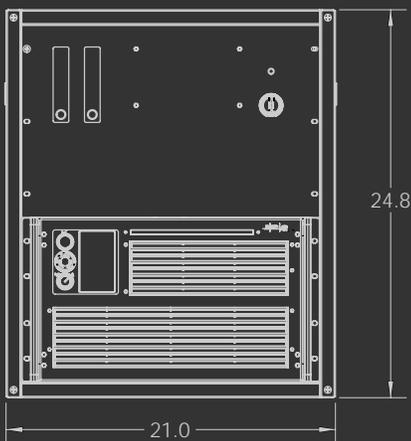
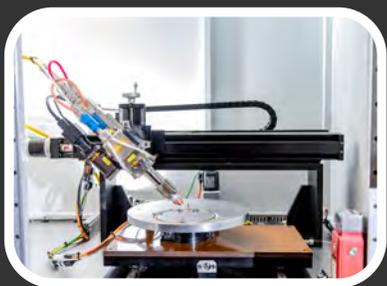
WELDLOGIC USA

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WELDLOGIC.COM



FRONT VIEW

The Weldlogic family of multimode fiber lasers delivers power outputs from 500 to 2000W with multiple fiber options and excellent beam quality for advanced welding and additive manufacturing performance. The small size of these fiber laser facilitates easy integration into welding automation.

Weldlogic fiber lasers feature true hardware-based back reflection protection, easy onsite servicing and reliable operation in even the harshest manufacturing environments.



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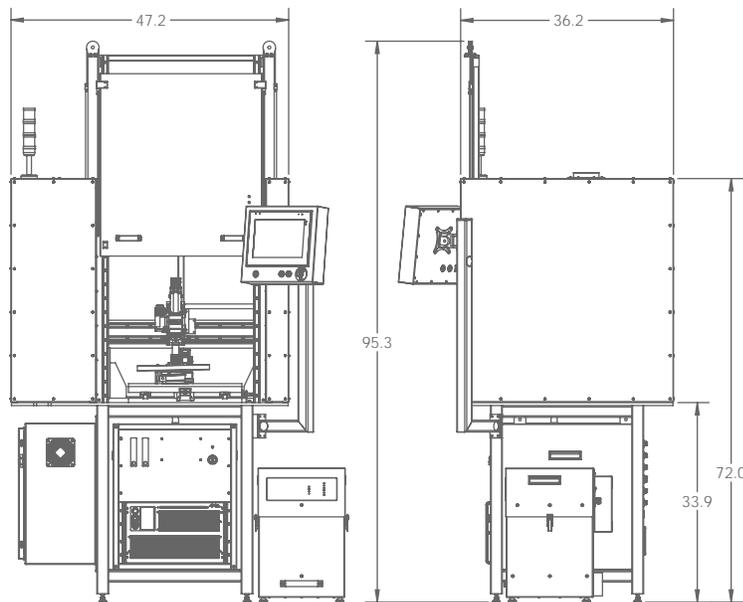
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▶ SMALL FORM FACTOR FIBER LASER

LASER SAFETY ▼

This laser product does NOT comply with IEC 60825-1 or 21CFR1040.10/21CFR1040.11 and is solely intended to be integrated into a laser product certified by the Purchaser. The Purchaser acknowledges their product must comply with application regulations before it can be sold to an end user.



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