



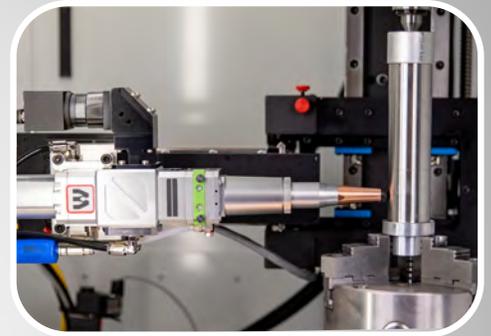
**WELDLOGIC**  
FORMING & WELDING SOLUTIONS

WELDING SOLUTIONS  
FOR ADVANCED  
MANUFACTURING

Plasma | Tig | Laser | Mig | Sub-Arc



## C.N.C. Laser Suppressor Weld Cell



SEE IT IN  
ACTION



### Engineering Challenge

#### CHALLENGE ▼

The suppressor industry is a rapidly growing market to offer the end user series of noise suppressing baffles stacked end to end and all circumferentially welded to offer a quieter experience to protect their hearing.

These welds must not distort the baffles to enable a near perfect alignment from baffle to baffle. Conventional welding produces a high degree of heat input and generally distorts the through hole alignment compromising the product performance.

#### SOLUTION ▼

Weldlogic Weld Process Specialists have applied our Laser process to this special application and discovered the Laser process offers near perfect alignment and high strength under the extreme testing conditions.

Our system offers high speed, low heat input, high strength and low operator skill. In brief this system enables a non-welder / operator to manufacture suppressors at a pace of 35-40 finished suppressors per hour.

Contact Weldlogic Tech-Sales to receive a welding system solution for your requirements.

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