

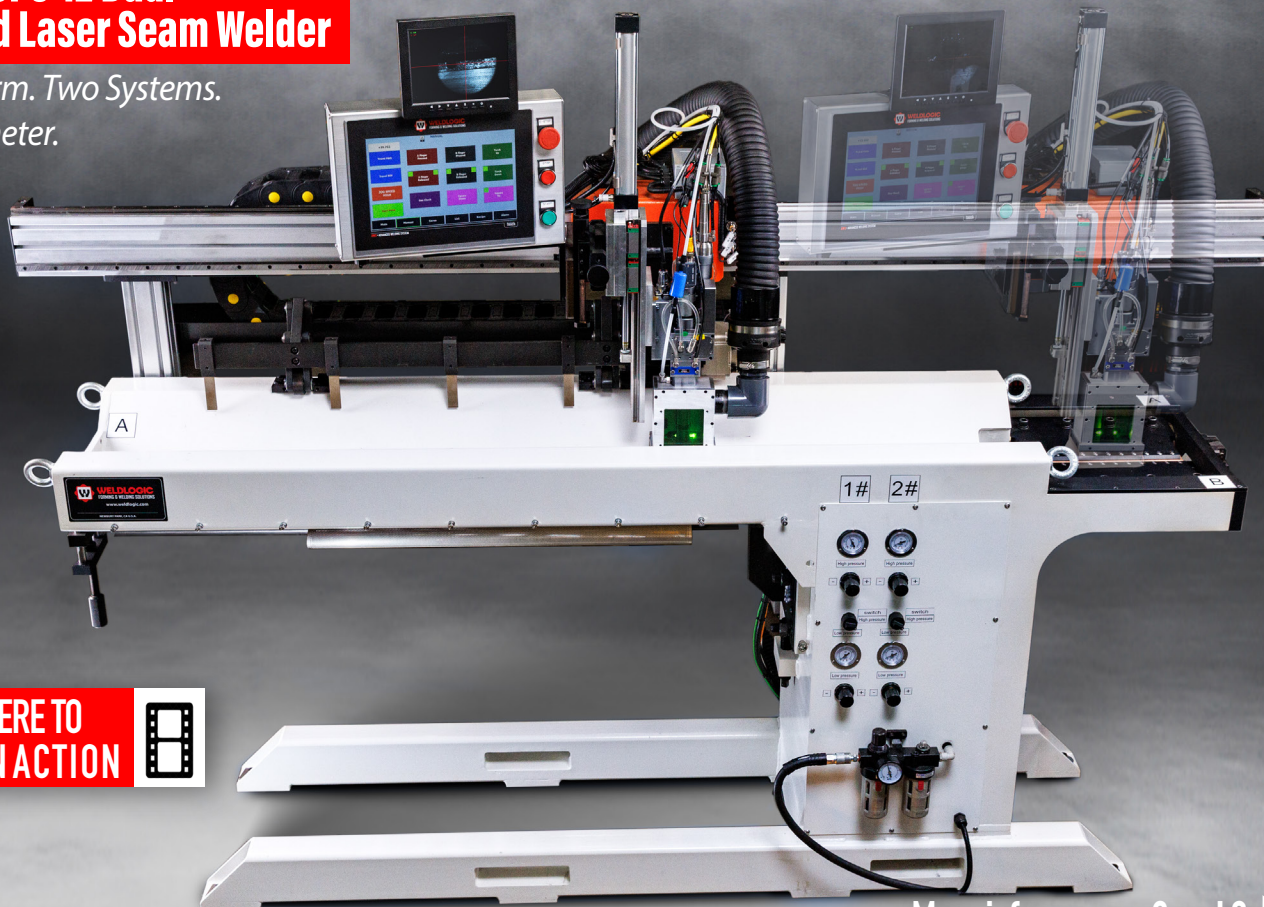


WELDLOGIC
FORMING & WELDING SOLUTIONS

WELDING SOLUTIONS
FOR ADVANCED
MANUFACTURING

PLS-48 / UPS-12 Dual Advanced Laser Seam Welder

*One Platform. Two Systems.
Every Diameter.*

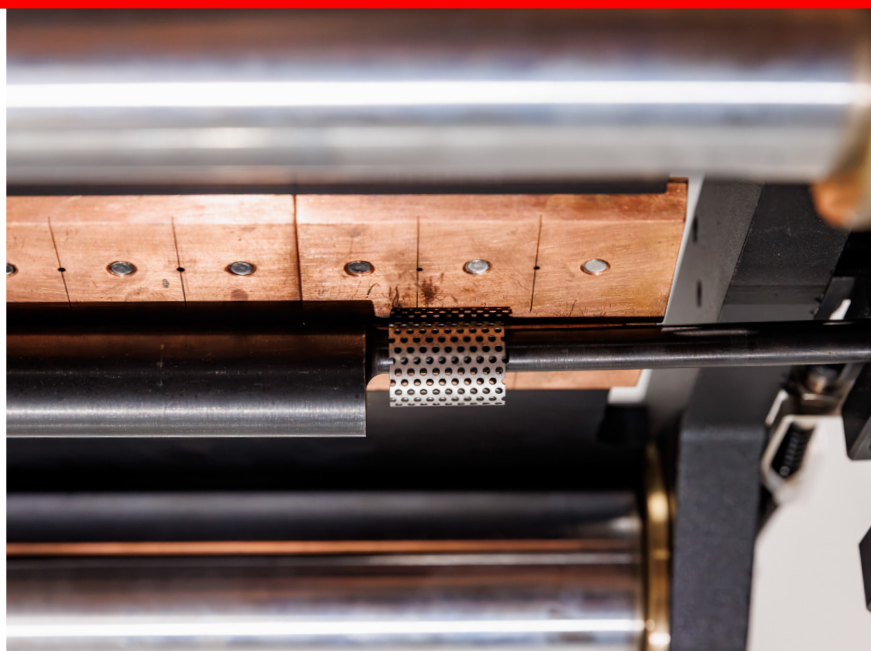
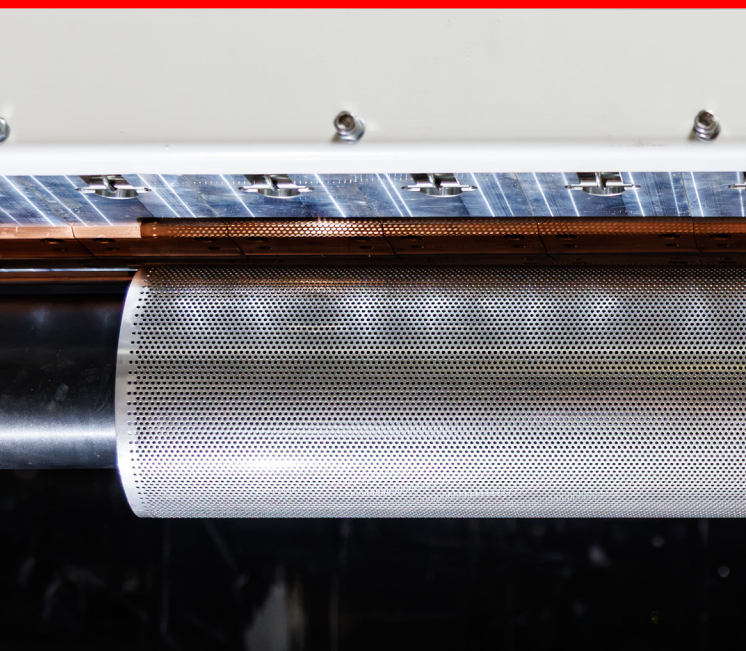


▶ **CLICK HERE TO
SEE IT IN ACTION**



More info on page 2 and 3 ▶

Plasma | TIG | Laser | MIG | Sub-Arc



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Specs at a Glance

Tube Diameter Range	.500" - 36"
Wall Thickness	.005" - .250" and thicker
Tube Length Range	1.5" - 48"
Welding Process	Wire Feed or Fusion Laser
Control	CNC / AC Servo — Position & Speed Based
Advanced Features	Laser Beam Oscillation / Wobble



The Production Challenge ▼

A longtime Weldlogic customer needed a single laser seam welding platform capable of handling perforated tubes from .750" to 36" in diameter, lengths from 1.5" to 48", and wall thicknesses starting at .015" and up. The diameter range was too wide for any single seam welder to address effectively.

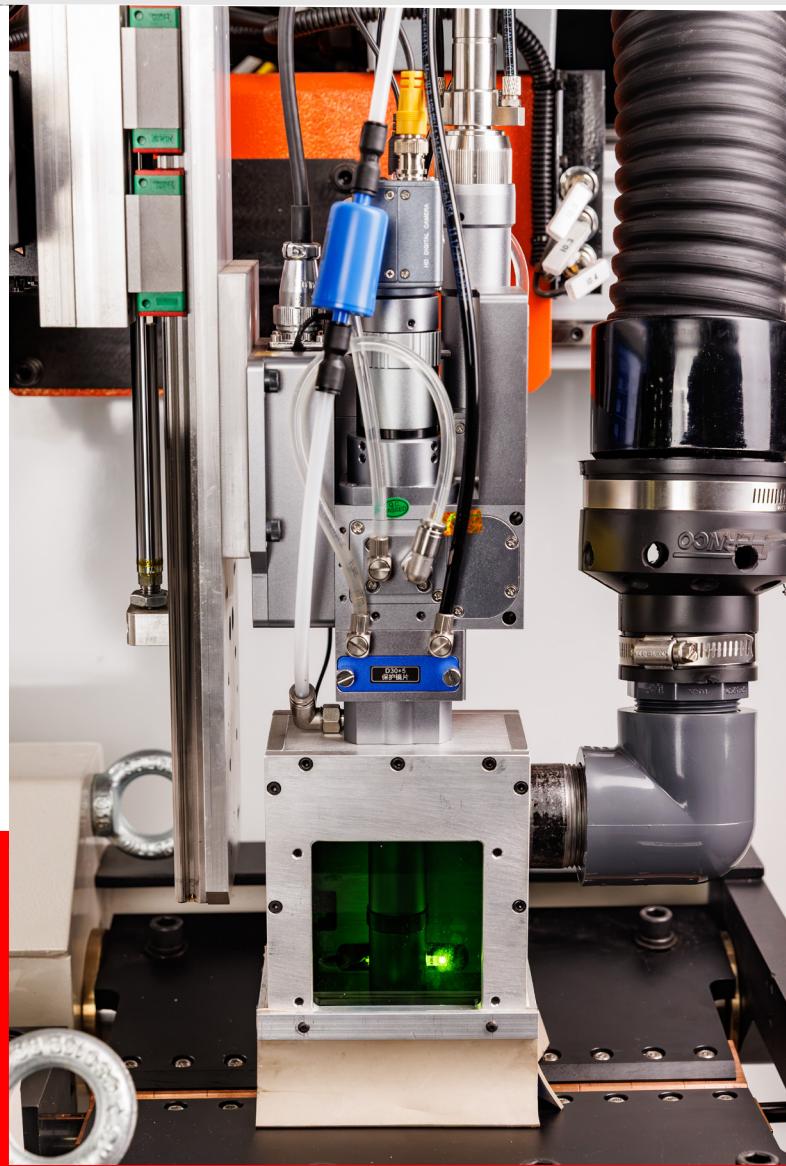
Weldlogic Engineering's solution: design and build a dual seam welder — the PLS-48 for large diameters and the UPS-12 for small — on one shared platform, time-sharing a single AWS Laser between both systems. The result delivered the performance of two advanced laser seam welders at a fraction of the cost.

Benefits ▼

- No certified welder required — any operator can run it
- Operator trained in less than 3 hours
- High welding speeds — clean, water-tight welds
- Very low heat input — very low distortion
- No consumables — low preventive maintenance
- Accommodates all weldable materials

Features ▼

- Advanced Laser Weld System Controller — unlimited recipe storage
- Welds large and small diameter tubes on one platform
- CNC / AC Servo — position and speed based
- Wire feed or fusion laser welding
- Laser beam oscillation / wobble
- Designed for all weldable materials
- Supported by Weldlogic Service Dept. and Laser Weld Specialists



Two Seam Welders. One AWS Laser. Exceptional Value. ▼

By merging the PLS-48 and UPS-12 into one integrated platform and time-sharing the AWS Laser Advanced Welding System Controller between them, Weldlogic delivered a true do-all seam welding solution — without the cost of two separate machines.

A custom engineering solution, validated through our application lab and backed by nearly 50 years of forming and welding expertise.



