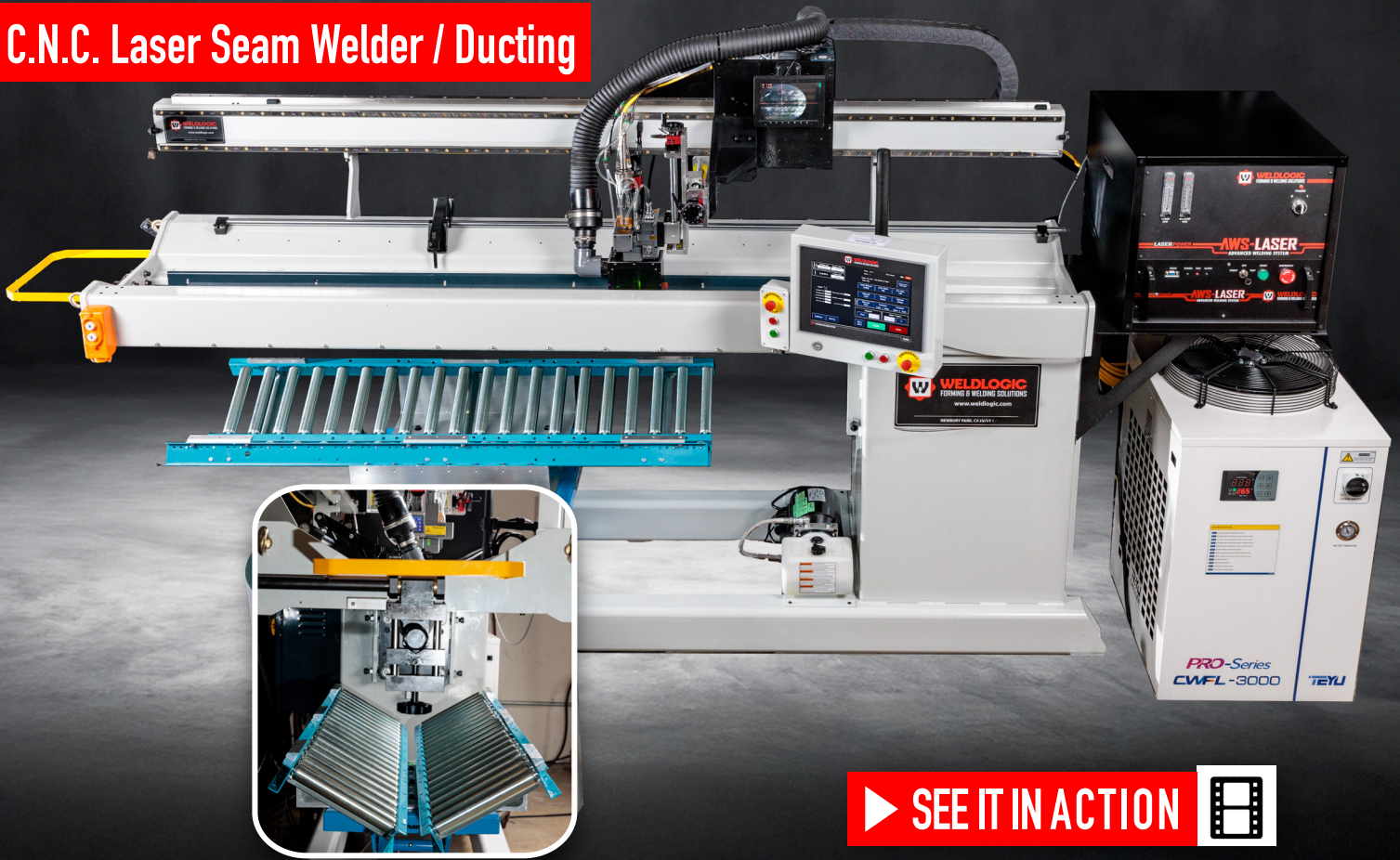




C.N.C. Laser Seam Welder / Ducting



Plasma | Tig | Laser | Mig | Sub-Arc

▶ SEE IT IN ACTION ▶

Engineering Challenge

CHALLENGE ▼

Design a seam welder that can efficiently weld a wide range of diameters, tube lengths, in a variety of thicknesses & alloy.

The seam welder needs to make a strong seam weld in S.S., Galvanized, C.S., & Aluminum.

A Do-All seam welder that doesn't require a specialized welder to make acceptable results.

The system needs to store all the programs for quick recall, repart results better than 1% and weld at speeds exceeding 100 I.P.M.

SOLUTION ▼

Weldlogic Engineering selected our PLS- Precision Longitudinal Seam Welder platform and designed a cell to enable the end user to laser weld

The full range of diameter, lengths, thicknesses, and alloys. The system included an optional wire feeder to enable welding Aluminum ducting.

The AWS Advanced Welding System controller was selected to manage the entire process with a 2000 Watt Laser with Wobble head.

Extra foot pedals were provided, and remote start stop was provided at the customer's request.

The laser was fully enclosed to contain the laser and smoke generated from the welding process and then processed thru a hepa filter.

WELDLOGIC USA

2651 Lavery Court
Newbury Park, CA 91320

Tel. 805.498.4004 | Fax. 805.498.1761

Contact us Today for your Welding Solutions!

WELDLOGIC.COM

WELDLOGIC EUROPE

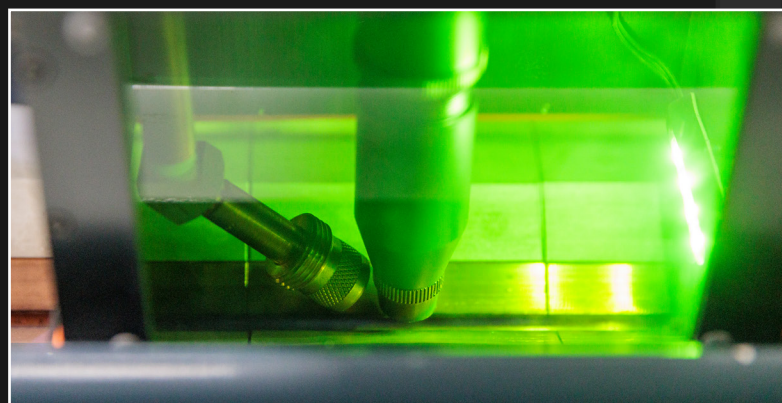
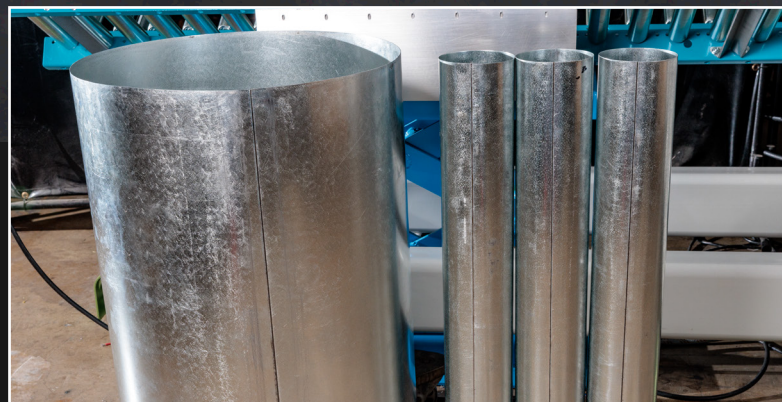
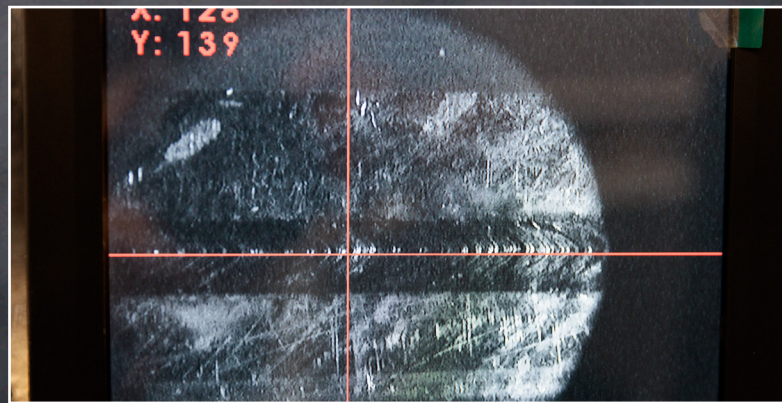
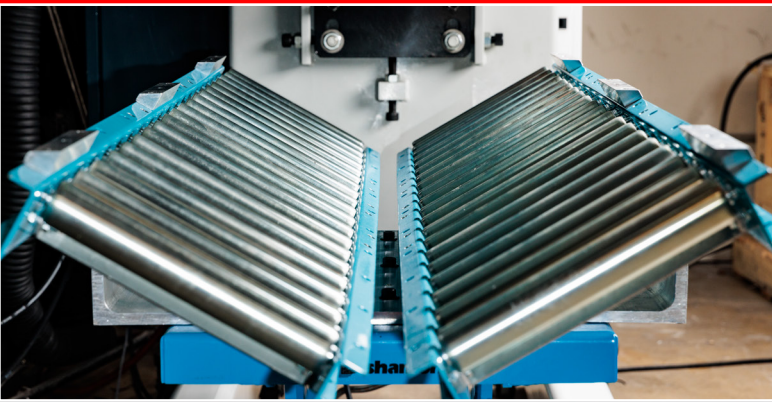
Blackstone Road, Huntingdon
Cambridgeshire, PE29 6EF, UK

Tel. 01480 437478 | Fax. 01480 437479



WELDLOGIC
FORMING & WELDING SOLUTIONS

WELDING SOLUTIONS
FOR ADVANCED
MANUFACTURING



WELDLOGIC USA
2651 Lavery Court
Newbury Park, CA 91320
Tel. 805.498.4004 | Fax. 805.498.1761

Contact us Today for your Welding Solutions!

WELDLOGIC.COM

WELDLOGIC EUROPE

Blackstone Road, Huntingdon
Cambridgeshire, PE29 6EF, UK

Tel. 01480 437478 | Fax. 01480 437479