

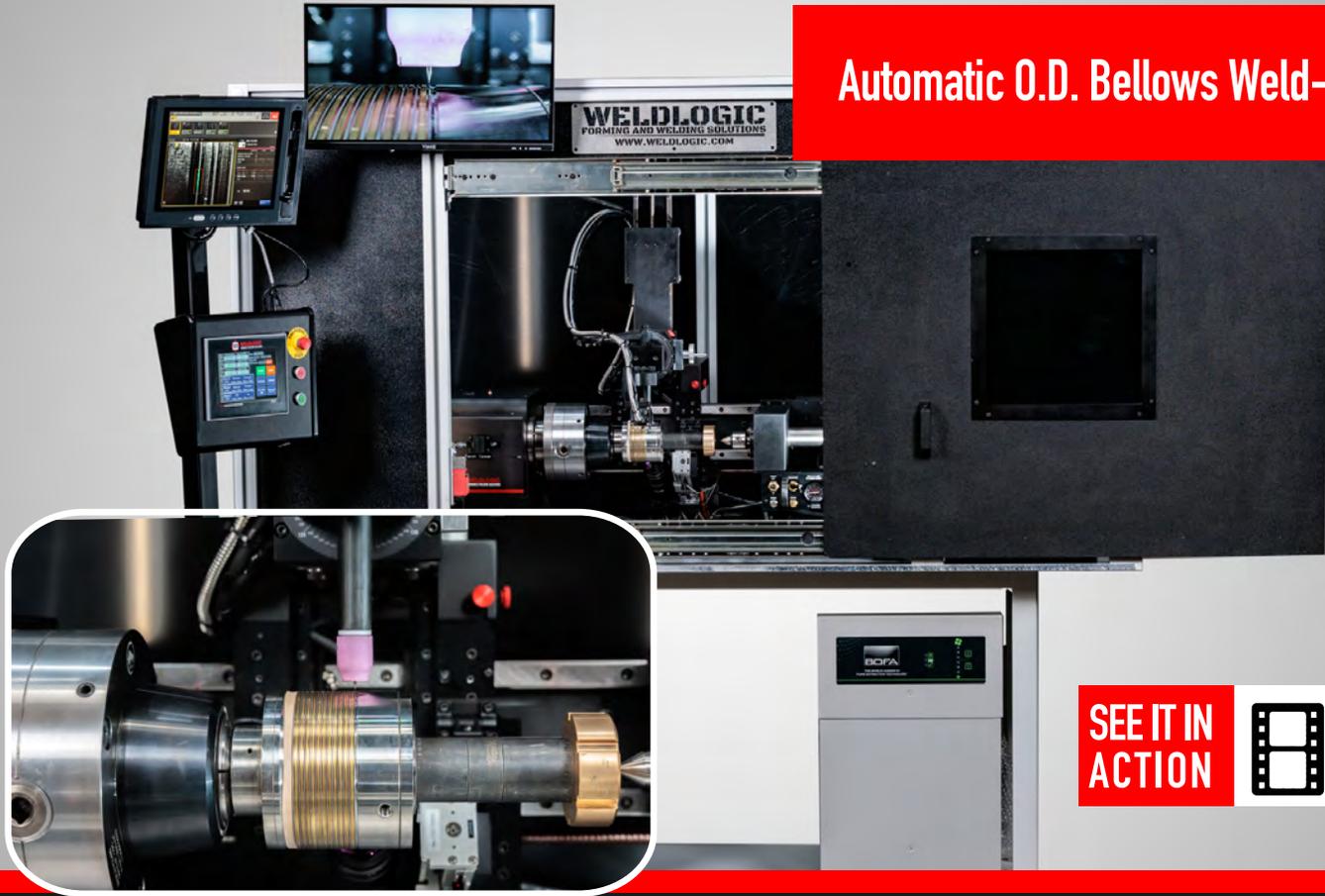


WELDLOGIC
FORMING & WELDING SOLUTIONS

WELDING SOLUTIONS
FOR ADVANCED
MANUFACTURING

Plasma | TIG | Laser | Mfg | Sub-Arc

Automatic O.D. Bellows Weld-Cell



SEE IT IN
ACTION



CHALLENGE ▼

Today in the U.S. there is a crippling shortage of skilled welder in the precision manufacturing sector.

Over 450,000 jobs opening in the welding field, go unfilled due to a lack of trained and skilled welders.

Weldlogic Engineering has been tasked by several bellows companies to design AUTOMATIC / O.D. & I.D. bellows weld cells to significantly reduce or eliminate the high welding skill levels & costs required to make these very precise micro welds in today's labor market.

Engineering Challenge SOLUTION ▼

Design and refine hardware, software & vision systems to enable an operator to select the proper program, load a tooled assembly of bellows and press one button to perform the following.

- Seek the First bellow and align weld directly over seam center.
- Set height positioning weld at perfect z axis position.
- Load weld schedule (weld energy, rotation , purge program from saved recipe.
- Weld entire bellows without an operator.
- Remove and replace bellows assembly and load next one- repeat.

OPTIONS :

- Micro-Tig, Plasma or Laser - Post weld Measurement / Inspection of bellows weld for Q.C. acceptance records.
- Multiple programming with end plate welds - Custom tailored features not noted.

CONTACT WELDLOGIC TECH-SALES FOR A SOLUTION TO YOUR FORMING OR WELDING CHALLENGES

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