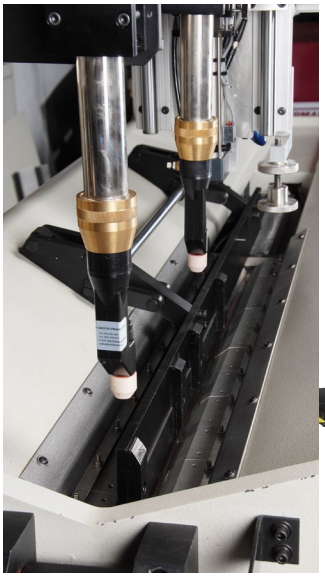
WELDLOGIC

Welding Solutions for Advanced Manufacturing

PLS-48 Dual Torch "Automatic Seam Welder"



Weldlogic Engineering were tasked to design and manufacture a high production dual plasma torch seam welder to enable a low skilled operator to run both our automatic roller and automatic seam welder.

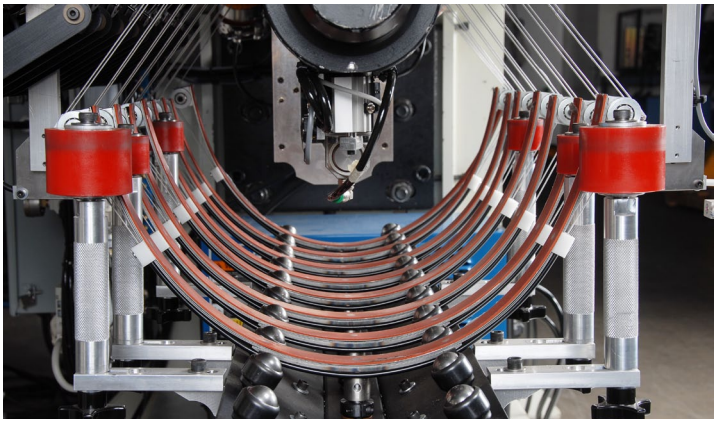
The vessels were thin walled .030" (0.76mm), with diameters from 11.00" (279mm) up to 13.75" (349mm), and lengths to 28.375" (720mm).

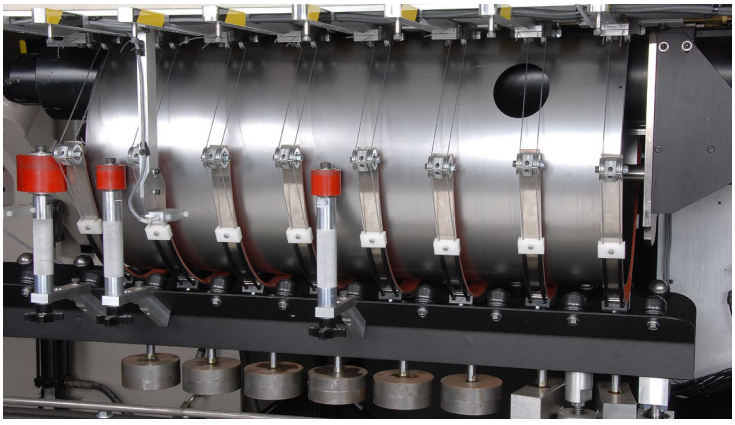
Dual Torches we chosen to double the weld speeds and produce a higher "Parts Per Hour" production rate to reduce manufacturing costs.

High weld quality and production rates were both required for the post weld forming stresses that a full penetration plasma weld could provide and to meet the commercial price point.

A Weldlogic standard PLS-48 Precision Longitudinal Seam welder was chosen as the base system and a Weldlogic "Advanced Seam Welder Control" was selected to manage the special designed automation and part handling.

Production rates of over 75 parts per hour were achieved with only one operator to manage materials, rolling the vessels and feeding and unloading the automatic seam welder.





Contact Weldlogic with your challenge and let our engineering group create a production reliable solution...

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