



AUTOMATED MANUFACTURING SYSTEMS



*"Your Single Source for Engineering,*

*Process, Machine & Controls"*

## **ARC-06G CNC GTAW Bore Cladding System**

- Rotary Torch Head servo controlled for continuous rotation
- Automatic Torch Centering Software
- Simplified operation including welding parameters, Torch position status, and English prompting for operator input
- Real time control of weld amps, weld volts, hotwire volts, and wire feed speed, integrated arc pulsing control, integrated Arc Voltage Control (AVC)



- "Teach and Repeat" programmable automatic welding and motion sequencing for cladding of intersecting bores
- Part teach function for rapid and simple input of part configuration.
- Column and Boom style manipulator equipped with servo motors, 96" vertical (Mast) travel (counter balanced), 120" horizontal (Boom) travel, manual rotary base, both linear axis are rack and pinion, integrated cable track management system
- Integrated arc voltage control of Torch position including ramp and pulse lockout
- Capable of welding race track style configurations



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