



AUTOMATED MANUFACTURING SYSTEMS



"Your Single Source for Engineering,

Process, Machine & Controls"

ARC-06B CNC PTAW Bearing Welding Systems



- Continuous path and coordinated motion is integrated with a multi-axis manipulator and tilting turntable to position the part and torch during the welding operations
- Capable of welding "journal bearings", "thrust face", "pin-O.D.", and "Pin end" welds
- Allows the programmer to control part manipulation, weld conditions, oscillation and arc length from a single program
- Real time display of position, weld conditions and system with real time observation (via remote camera) and position override capability
- Integrated Arc Voltage Control (AVC) unit provides adaptive control which maintains constant arc length over irregular parts
- Allows program control of all welding parameters including current, voltage, and powder feed rates

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