

EZ ORBITAL 517A



ORBITAL WELDING SYSTEM FOR FUSION WELDING OF TUBE

Magnatech introduces an innovative solution to orbital tube welding with the modular EZ Orbital welding system. The model 517A is a tube welding controller that integrates the operation of a standard commercial GTAW power source with the weld head. The model 517A operates all size models of the 800 series weld heads, with overlapping tube diameter ranges of 3-168mm (0.125-6.625") Digital control of rotation speed regulation ensures perfect repeatability

- Affordable orbital solution
- Easy to operate
- Rugged design

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FEATURE

Welding Controller

- Full color, touch screen operation
- Intuitive symbol-based operation
- Autoprogram generation - entry of tube OD and wall thickness creates optimal weld parameters
- Simple % adjustment of welding parameters
- Real time head temperature monitoring and over temperature alert
- Visual display of welding cycle
- Diagnostic fault detection system (gas purge, weld head jam, etc.)
- Software updates available by Internet download via USB interface
- Compact and lightweight controller built into rugged waterproof case



SPECIFICATIONS

Weld Heads	800 Series
Tube/Pipe sizes	3-168mm (0.125-6.625")
Dimensions (LxWxH)	394 x 711 x 191mm (15.5 x 20 x 7.5")
Weight	8 kg (17.5 lbs)
Power Supply Capability	Consult Factory for Suitable Models
Input Power Requirements	115/230 VAC, 1 Phase, 0.5 A fuse, 50/60 Hz
Units of Measurement	Metric and Inch (Selectable)
Operating Temperature	-18 to 50°C (0 to 120°F)
Storage Temperature	-25 to 60° C (-20 to 140°F)
Humidity	To 98% RH (Non-Condensing)
Power Source	Conventional GTAW with HF arc starter

MAGNATECH

AUTOMATIC PIPE WELDING SOLUTIONS

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