

Spin Welding

Orientation Spin Welder

Operation and Design Features:

- Servo-Driven Drive Unit
- Electric Motor, 0-6000 RPM
- Positioning Device with Repeatable, Angular Precision of $\pm 1^\circ$
- Digital stroke measurement, resolution 0.01 mm
- Proportional Valve to control stroke pressure
- Electrical Cabinets
- 200mm Stroke
- Graphic Operator Control Panel
- Interface with PLC
- Voltage, 400 V, 3 Phases, 60 Hz
- Pneumatic Operation, 3/8" I.D. Supply Line
- Modular Design
- Service and Operators Manual



Ultrasonic Welder

Non-Orientation Spin Welder

Feature	Benefit
Ultra-Rigid Rectangular Column Design	Minimizes deflection of the system and insures parallelism of the horn and fixture
Rigid Mount motor Assembly	Minimizes deflection of the system and insures parallelism of the driver and fixture
Quick Change Stack Assembly	Minimize Set Up time to swap application
Crank assisted movement of actuator with ruler	Allows user to quickly and precisely adjust head height without fatigue
X-Y Axis Position Maintained when changing Head-Height	Allows user to quickly adjust head height without compromising position
Precision Cross-Roller Slides on Actuator	The rigid, low friction slide is designed to insure precise carriage alignment and survive extended use under abusive conditions with minimal wear
Digital Tachometer	Allows a precise control of the welding results through constant digital monitoring of air motor speed

4" (100mm) Diameter Air Cylinder Standard	To cover most applications
Pneumatic motor assembly compensation device	Controls very accurately the head down speed
Lockable Mechanical Stop	Secures mechanical stop setting. Prevents shift/migration in even the worst vibrating environments
Zero Force Cycle Activation Switches	Reduces operator fatigue
Application Help-Chart Attached to Welder	Allows the user quick access to main machine function explanations

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