

# PROGRAMMABLE WELDING SYSTEMS PLUG & PLAY

CB-007-1



**Digital Control**

**Application: E.Z. Arc System**

**Features:**

Full digital control:

- PLC controller with programmable 5.6 inch HMI touch screen, intuitive graphic interface

Flexible welding setting:

- Input work piece diameter and linear speed
- Welding sequence and 8 configurable timers allow easy and flexible settings including multiple revolutions and skip welding

Precision speed control:

- Closed loop driver system with encoder feedback provides constant speed for unbalanced loading
- Motor gain adjustment for acceleration/deceleration (output 24 volt DC 100 watt)

Program multiple welding sequences:

- Stores up to 100 programs (0 to 6 min each) and can be saved and loaded for future use
- Initiate/retract pneumatic torch lift tail stock

Easy to use Mini-scope:

- Monitors motor RPM, command voltage and angular position values simultaneously for maximum of six minutes

Maintenance function:

- Alarm history, alarm messages, and PLC I/O monitoring functions for trouble shooting

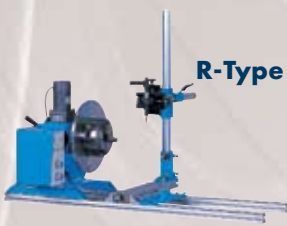
## DIY Accessories Kits



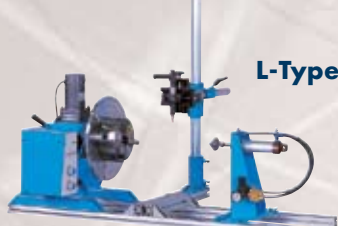
U-Type



S-Type



R-Type

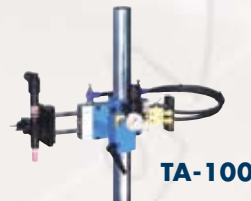


L-Type

R and L type kits available (48", 60", 72" mounting rails)  
L-kit approx max part length is 20" with 48" mounting rail

Models shown above are with Positioners, Controllers and 3-jaw Chucks.  
Controllers, Positioners and 3-jaw Chucks are not part of the DIY Accessories Kits.

*Optional accessories include  
welding system mounting tables*



TA-100

Torch Slide



TL-100

Torch Lift



IS-300

Idler Stand



10-613

Flange-Adapting  
Fixture w/ Bearing

**Visit our website for complete product offering:**

Welding Positioners, Manipulators, Head & Tail Stock Assembly, Turntables, Welding Lathes, Seamers, Coil Splicers, Turning Roll Sets, CNC-Cutting Machines

# WELDING POSITIONERS

PT-102 & PT-202



**GENTEC** precision digital positioners position the welding joint in the 'down hand' position to obtain the shortest possible welding time.

**FEATURES**

- Precision speed controls
- LED display meter indicates RPM
- Encoder mounts onto PMDC motor
- Allows for input voltage hookup 90~260VAC without manual linking
- All units are high frequency protected
- Remote foot switch Run/Stop control
- Standard speed models: A for 0.15~5rpm, C for 0.4~15rpm and additional speed ranges available on special order
- Compatible with E.Z.Arc automatic welding system
- Digital display meter on the control box
- Outstanding speed range: Adjusting ratio 1:37.5
- Standard 1" diameter through-hole for gas purge
- Emergency stop button
- CE conformity

*Optional Welding Chucks*

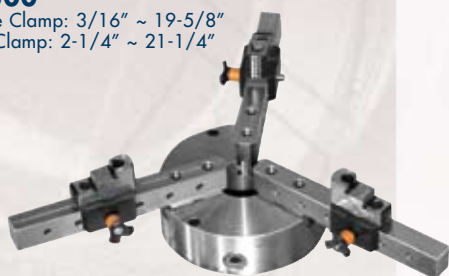
**PG-150**  
Outside Clamp: 3/16" ~ 6"  
Inside Clamp: 2" ~ 5-7/8"



**PG-450**  
(Optional)  
Welding Chuck  
3/16" ~ 18"



**PG-500**  
Outside Clamp: 3/16" ~ 19-5/8"  
Inside Clamp: 2-1/4" ~ 21-1/4"



**E.Z.ARC Systems - Compatible**  
**System Welding Mounting Tables Available**

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Welding Positioners, Manipulators, Head & Tail Stock Assembly, Turntables, Welding Lathes, Seamers, Coil Splicers, Turning Roll Sets, CNC-Cutting Machines



[www.genstartech.com](http://www.genstartech.com)

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