

# WELDING POSITIONERS

PT-102 & PT-202



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
- 5 digit 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

## CONTROLLER (STANDARD)

### CB-001D:

- Welding speed control
- Welding timer control
- LED RPM display meter
- E-stop button



## OPTIONAL CONTROLLERS

### CB-002D:

- Welding speed control
- Start delay timer control
- Overlap timer control
- LED RPM display meter
- E-stop button



### CB-007-1:

- Programmable 5.6 inch HMI touch screen
- Closed loop driver system with encoder feedback
- Stores up to 100 programs (0 to 6 min each)
- Welding sequence and 8 configurable timers
- Motor gain adjustment for acceleration/deceleration
- Alarm history, alarm messages, and PLC I/O monitoring
- Initiate/retract pneumatic torch lift tail stock



(OPTIONAL) **CB-001 DV** Variable speed kit

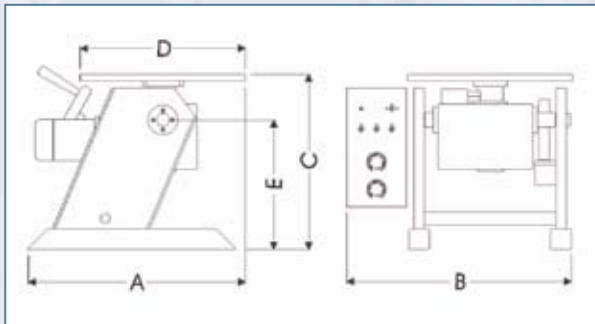
# WELDING POSITIONERS

E.Z.Arc Systems

MODEL	UNIT	PT-102	PT-202
POWER INPUT	-	1 Phase 110/220V 50/60Hz	
CAPACITY (HORIZONTAL/VERTICAL)	LB	220/130	440/280
SPEED RANGE RATED ECCENTRICITY	IN	A @ 7" B @ 3.5" C @ 2.4"	A @ 3.3" B @ 1.6" C @ 1"
TABLE DIMENSION (D)	IN	12-1/2"	
ROTATION SPEED	RPM	A: 0.15-5 B:0.3-10 C:0.4-15	
SPINDLE THRU HOLE	IN	1-1/2"	
TABLE T-SLOT BOLT SIZE	IN	3/8"	
EARTHING CAPACITY	AMP	200A@100%, 300A@40%	
ROTATION MOTOR	HP	1/12	
TILT RANGE	DEG	0-120	
WELDING TIMER	SEC	0-60	
OVERALL LENGTH (A)	IN	16.5	
OVERALL WIDTH (B)	IN	17.1	
OVERALL HEIGHT (C)	IN	13.3	
CENTER TO FLOOR (E)	IN	9.8	
WEIGHTS	LB	78	82
SHIPPING WEIGHT	LB	84	88

*Specifications subject to change without prior notice.*

## DIMENSIONS



## STANDARD SPEED RANGES

"A Range" (Low Speed - High Torque)  
"C Range" (High Speed - Low Torque)

"A" (0.15-5 RPM)      "C" (0.4-15 RPM)

### Speed Range Gear Box Field Kits (easy four bolt installation)

0351-0109 Gear Reducer, 1/15 (Speed Range:A) 0.15 - 5 RPM  
(MIG, TIG, STICK & PLASMA)

\*0351-0115 Gear Reducer, 1/7.5 (Speed Range:B) 0.3 - 10 RPM

0351-0122 Gear Reducer, 1/5 (Speed Range:C) 0.4 - 15 RPM  
(THIN WALL MIG)

\*0351-0129 Gear Reducer, 1/3.6 (Speed Range:D) 0.55 - 20 RPM

\*Optional Speed Ranges (order field kit)

## OPTIONAL ACCESSORIES - 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**



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