

CIRCUMFERENCE WELDING MACHINE

CW-350R

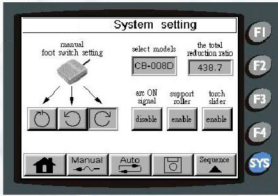


FEATURES

- Full digital & PLC control support flexible welding process setting and multiple
- Programmable welding sequences edit
- The system includes alarm history, alarm messages and PLC I/O monitoring functions
- Tilt style main frame design that allows 7 angular position adjustment from vertical to horizontal position (0~90 degree).
- Multi-function welding bracket assembly for all position special welding job demand
- 2-3/4" stroke adjustable pneumatic clamping of tailstock and movement on high precision linear guide way
- TA-100 pneumatic torch actuator with 3-3/4" stroke to control and ensure welding torch position at high accuracy
- Welding table equipped with low backlash precision reducer and include 1" diameter through-hole for gas purge
- Allows for input voltage hookup 100~240VAC without manual linking
- All units are high frequency protected
- CE conformity

CIRCUMFERENCE WELDING MACHINE

E.Z.Arc Systems



Full digital Control:

The system employs PLC controller together with 5.7 inches, 16 gray scale touch screen HMI. A closed loop driver system is also included tom maintain the constant rotation speed and increase system’s accuracy, stability, and efficiency.

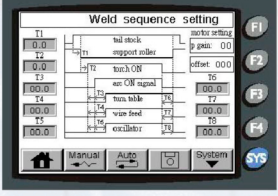


Flexible welding process setting:

Graphical welding sequence and 8 configurable timers allow easy and flexible operation

Precision Speed Control:

The closed loop driver system maintains constant speed control for different loading. Even with heavier load at lower speed, the system automatically compensates though motor encoder and achieves stable speed.



Multiple Programmable Welding Sequences:

100 sets of welding sequence can be saved and loaded for future use. Saving content may include: file name, turn table position, rotation speed, sequence timer setting and motor parameters (offset and gain). The search function also enables the user to have quick access to the particular welding sequences.



Maintenance Function:

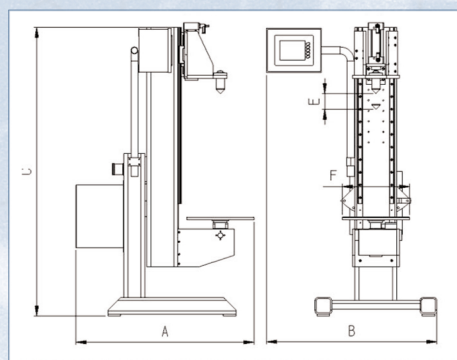
The system includes alarm history, alarm messages and PLC I/O monitoring functions, which facilitates troubleshooting and maintenance and increases overall production efficiency.

SPECIFICATIONS

MODEL	UNIT	CW-350R
MODELPOWER INPUT	-	1 Phase 110-220V 50/60Hz
PART WEIGHT CAPACITY	LB	280
PART LENGTH CAPACITY (D)*	IN	23
PART DIAMETER CAPACITY	IN	12
WELDING EQUIPMENT CAPACITY	LB	20
TAILSTOCK STROKE (E)	IN	2-3/4
TABLE DIMENSION (F)	IN	12
ROTATION SPEED	RPM	B:0.3-8 C:0.4-12 D:0.55-16
TABLE PILOT HOLE DIA. * DEEP	IN.	1
TABLE SLOT BOLT SIZE	-	M10
EARTHING	APM	200A 100% 300A 40%
ROTATION MOTOR	HP	1-1/2
OVERALL LENGTH (A)	IN	33.4
OVERALL WIDTH (B)	IN	31.8
OVERALL HEIGHT (C)	IN	57
WEIGHT	LB	77

Specifications subject to change without prior notice.

DIMENSIONS



OPTIONAL

- Welding chucks
- C-Speed range kit C:0.3 - 8 RPM
- D-Speed range kit C:0.4 -12 RPM



GENSTAR TECHNOLOGIES COMPANY, INC.

4525 Edison Avenue, Chino, CA 91710
 Tel 909-606-2726
 Fax 909-606-6485

www.genstartech.com

Doc. No.: GR-FLY-INDCWM0609 REV. LEVEL: V1