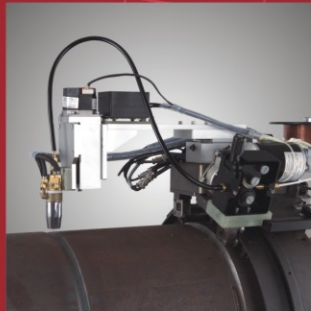
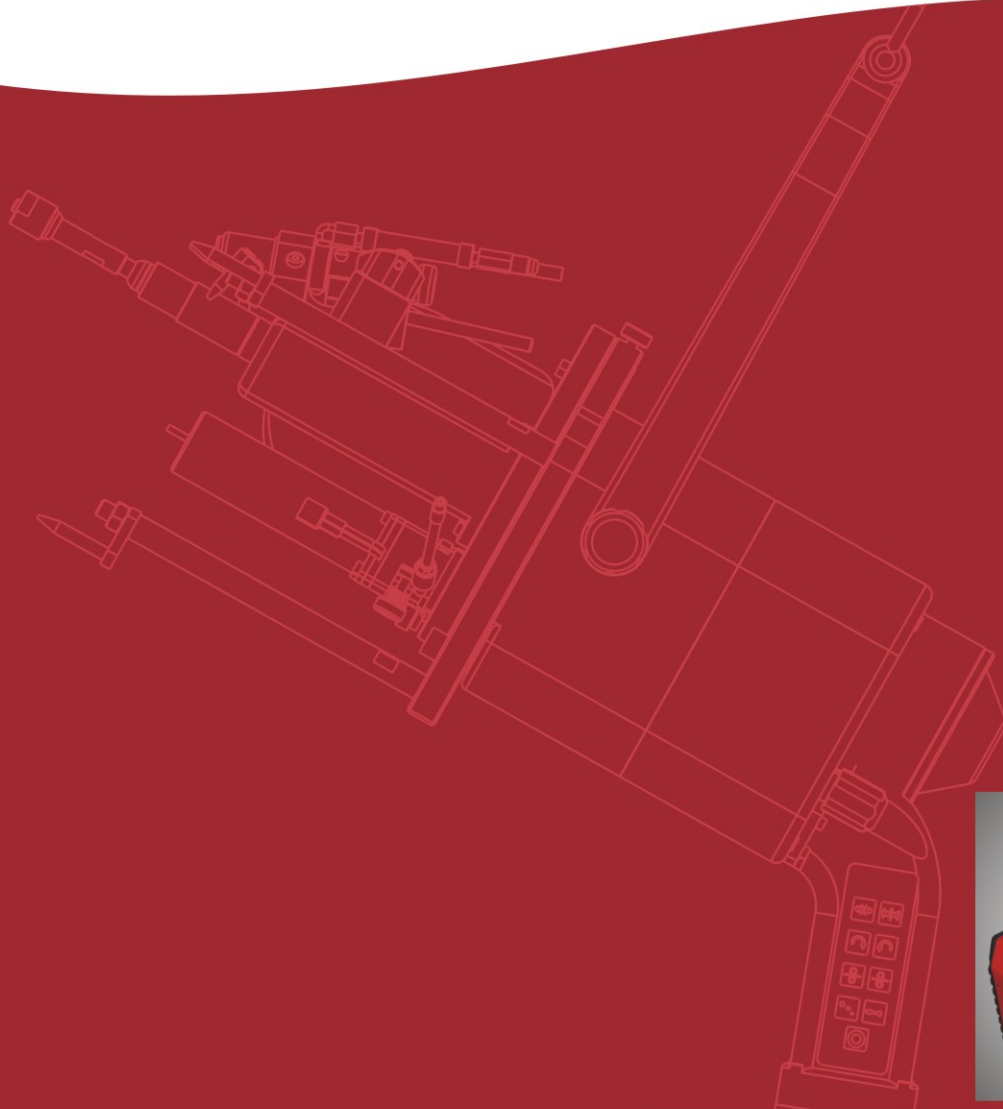


HUAHENG



ORBITAL Welding System

HUAHENG WELDING CO., LTD.

i-Arc400

Programmable Orbital Welding Power Source



Brief Introduction

i-Arc400 digital welding power source is designed and manufactured according to advanced technology by Huaheng Welding Co., Ltd. The power source is made up of controller, power supply and water cooler. The controller is from BEKHOFF® Germany embedded 32bit Windows CE operating system with updatable, simple operating interface for easy operation, support for keyboard, mouse operation; off-line programming, off-line printing function.

i-Arc400 is designed for medium and thick wall thickness tube to tube welding applications. It is commonly used for chemical, boiler, shipyard, nuclear plant, marine & offshore, and aviation aerospace industries etc.

Support equipment: Huaheng TC series, TOK series, TOA series, TP060 and TP040 welding head, external wire feeder, GTX series with system updating.

Technical Specification

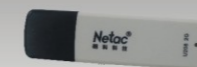
Type	Inverter
Current	5 – 400A
Duty cycle	400A at 60% / 310A at 100%
Open Circuit Voltage	72V
Input Voltage	380V ± 10% 50/60HZ
Power	13.5KVA
Display	Industrial PC
Control Function	Gas control, Current control, Rotation control, Wire feeding control, AVC control, OSC control, Circuit water control, Fault detection control
Program Storage	100
Numbers of Level	20
Screen	6.5"
CPU	1.1G
Memory	1G
Hard disk	2G
Print	Option: printer
Insulation/Protection Class	F / IP21
Cooling Power	800W
Pump Head	40m
Cooling Tank Capacity	15L
Weight	135kg
Dimension (mm)	1110mm × 520mm × 1024mm
Manufacture Standard	GB15579-2004 IEC60974



Features

- Windows CE embedded version operating system with updatable, simple interface for easy operation;
- Up to 20 levels for each program for accurate control according welding requirement;
- 100 program internal memory storages with external USD support for import and export data;
- Real-time welding parameter record during welding process;
- Control pendant display for real-time data monitoring;
- Adjustable parameter during welding process for some special welding requirements;
- Built-in various welding head parameter for accurate motion control;
- Water cooling system to ensure long time working;
- Perfect fault detection solution, error display, modular design for easy maintenance;
- Option to choose offline programming or offline printing;
- Solid metal case, optional to use movable trolley for convenient transport.

Accessories



Print software

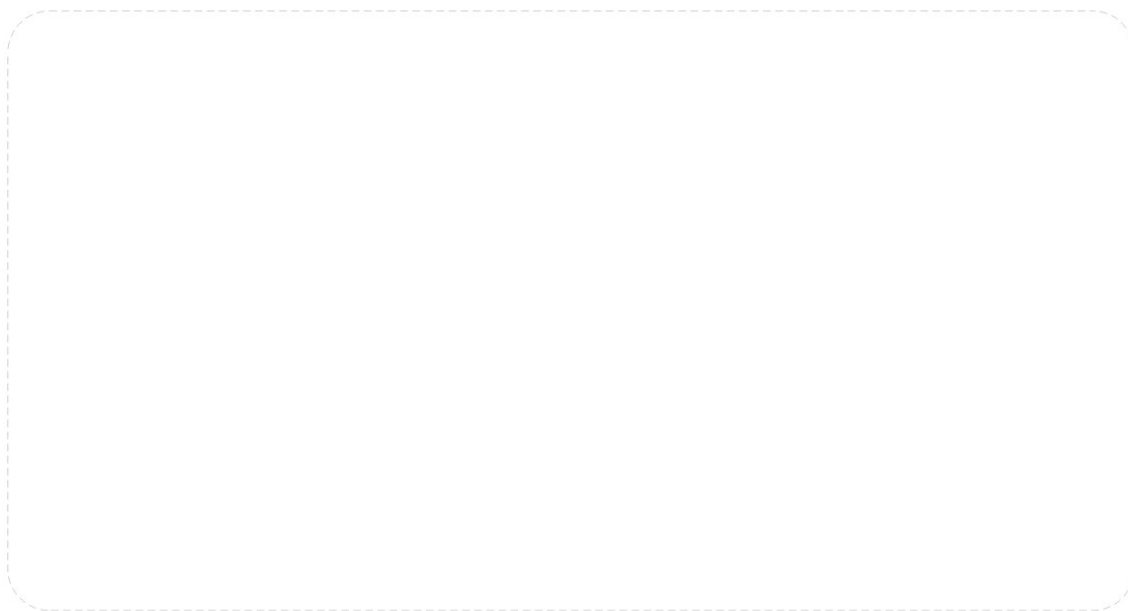


Printer



Off-line programming software

HUAHENG



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