

POWER UNIT | OW-ARC 400

The OW-ARC 400 digital GTAW (TIG) welding power source consists of an inverter type main power supply, remote operator control pendant, integrated water-cooling system and gas bottle rack on a portable chassis. The system utilizes a state-of-the-art BECKHOFF controller.

The OW-ARC 400 is designed for medium to thick wall pipe and tubing. It offers ease of programming and versatility to tackle the most demanding piping applications for power generation, petrochemical, marine and aerospace industries.



OW-ARC 400

Remote Pendant Control Unit

FEATURES & TECHNICAL SPECIFICATIONS

- Windows CE embedded version operating system
- Up to 20 levels of parameter control (sector/levels) per welding program
- Stores 100 welding programs in internal memory
- Parameter controls for welding current, travel speed, wire speed, shielding gas and AVC / OSC control
- Arc voltage control (AVC) with different tracking/sensing modes for different applications
- Welding heads available for a wide range of welding applications
- Control pendant display for real-time data monitoring (save data or graphics for printing)
- Oscillation controls - width, speed and center position are adjustable during the welding process
- High frequency or touch start arc ignition
- Integral water cooling system
- Comprehensive fault detection and message display for easy maintenance
- Option to choose offline programming or offline printing

OW-ARC 400	
Type	Inverter
Current	5- 400A
Duty Cycle	400A, 60% / 310A, 100%
Open Circuit Voltage	72V
Input Voltage	Auto Shift 240V-575V 3 phase
Power	13.5KVA
Torch Cooling	Integrated water circuit
Display	Industrial PC
Functions	Gas control, current control, rotation control, wire feeding, oscillation and Arc voltage control
Program Storage	100
Sector	20
Insulation / Protection Class	F/IP21
Cooling Capacity	800W
Pump Head	40M
Water Tank Capacity	15L / 4 Gallons
Weight (ex. Coolant) kg / lbs	135kg / 297lbs
Dimension mm (inches)	1110mm x 520mm x 1024mm 43.7" x 20.5" x 40.5"